

FIG. 1

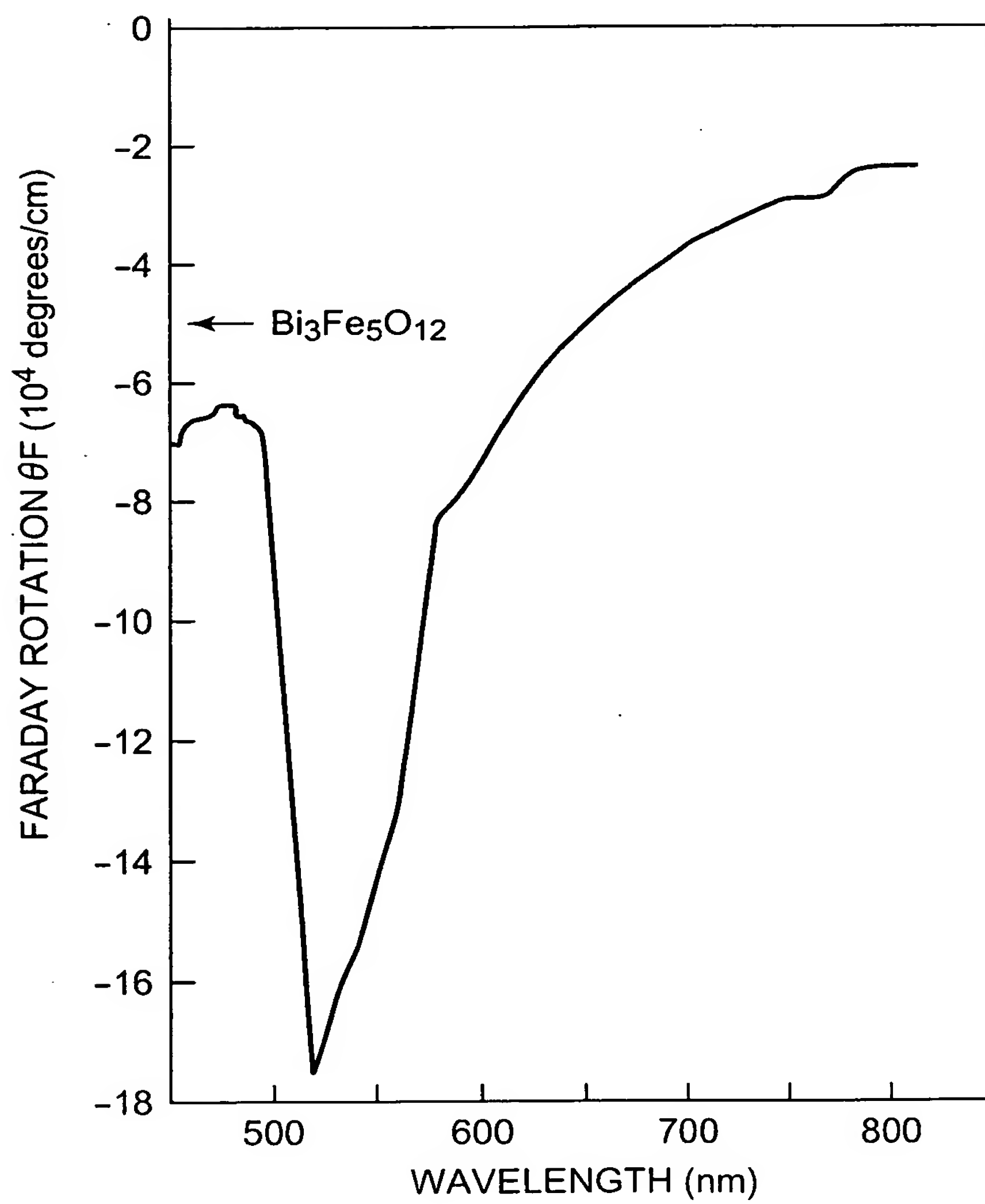


FIG. 2

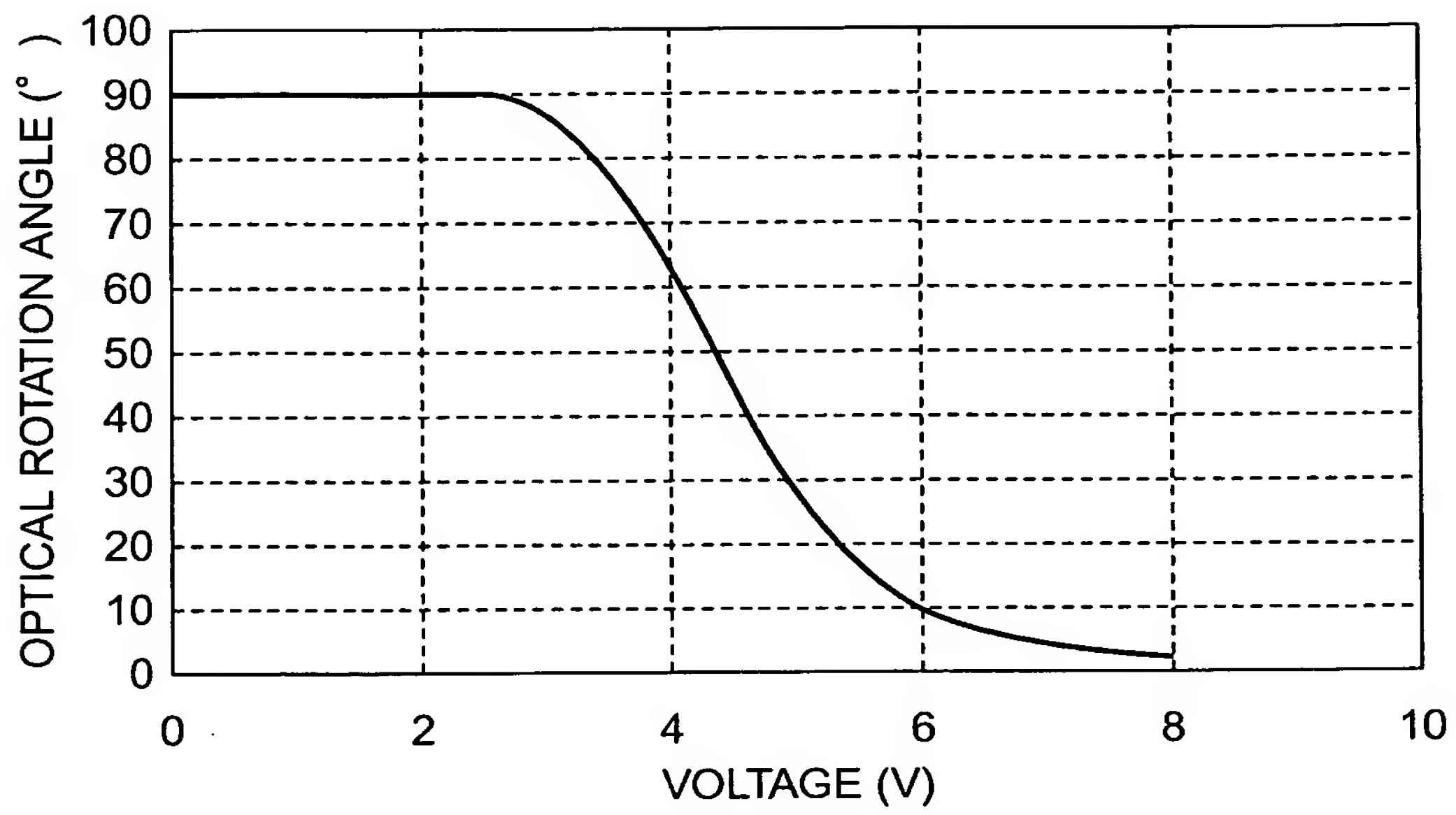
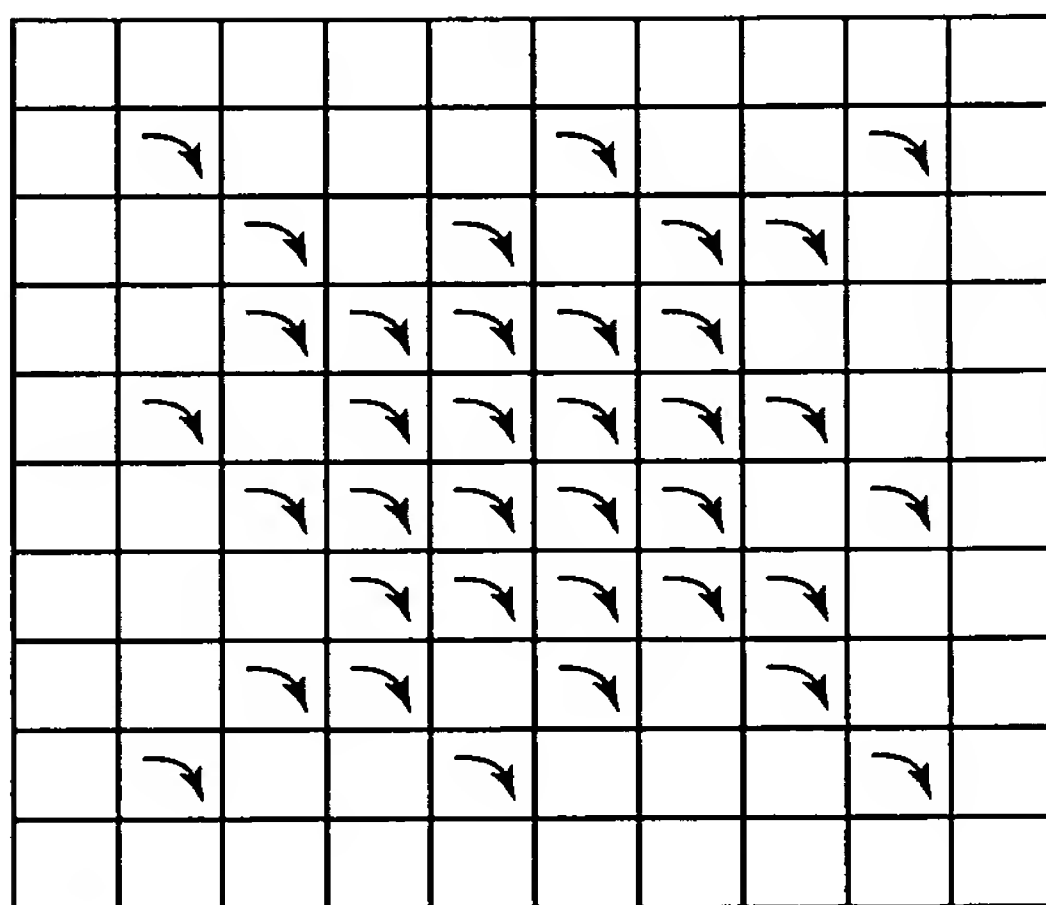
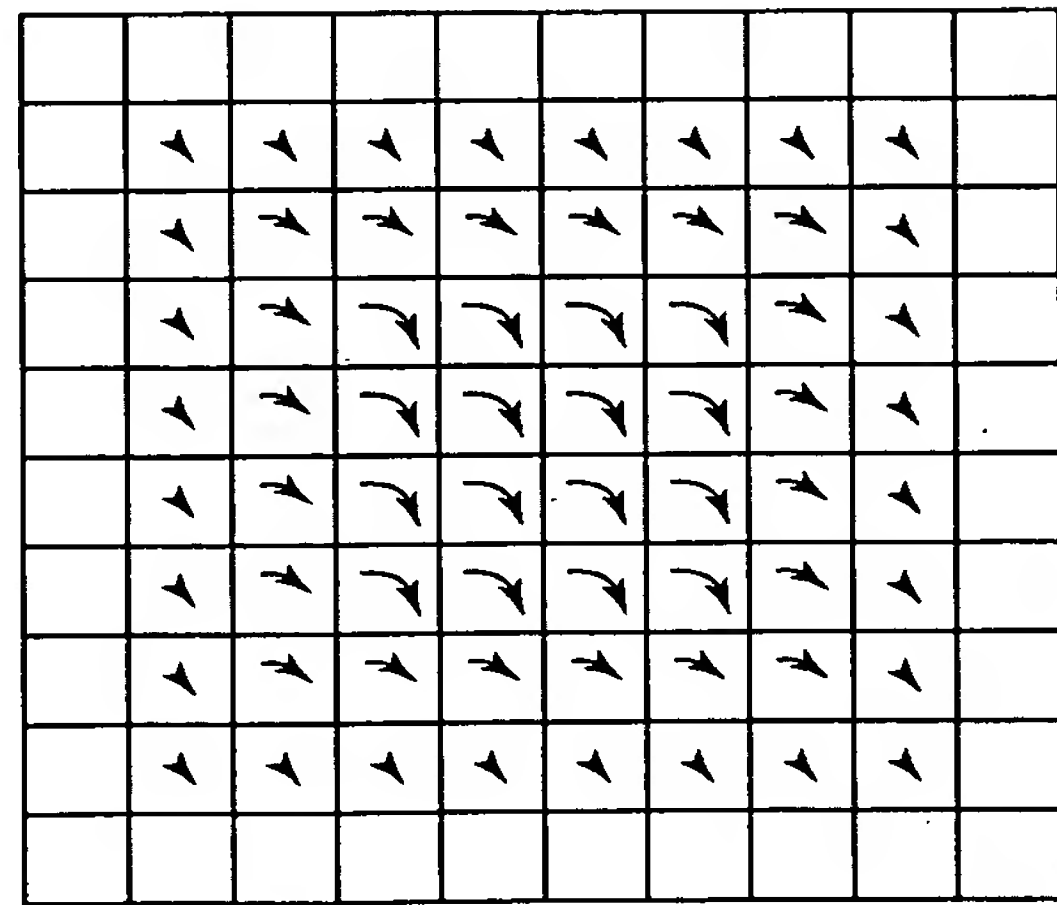


FIG. 3



(BINARY DISTRIBUTION)

(a)



(HALF-TONE DISTRIBUTION)

(b)

FIG. 4

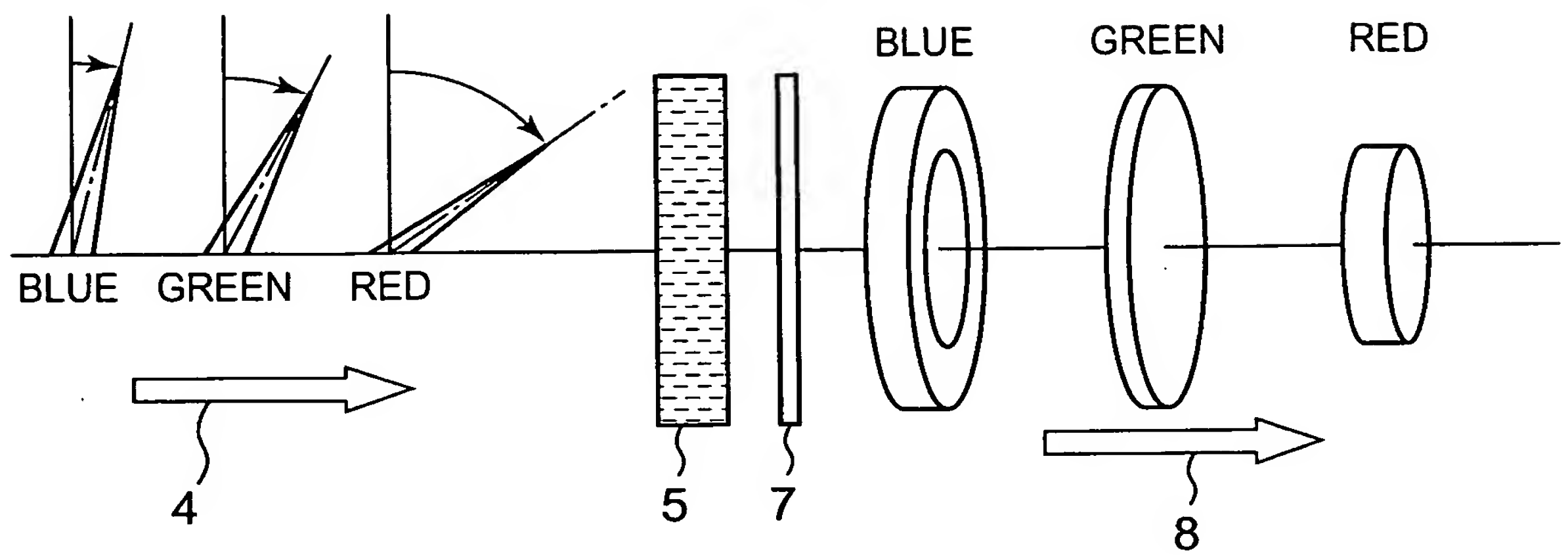


FIG. 5

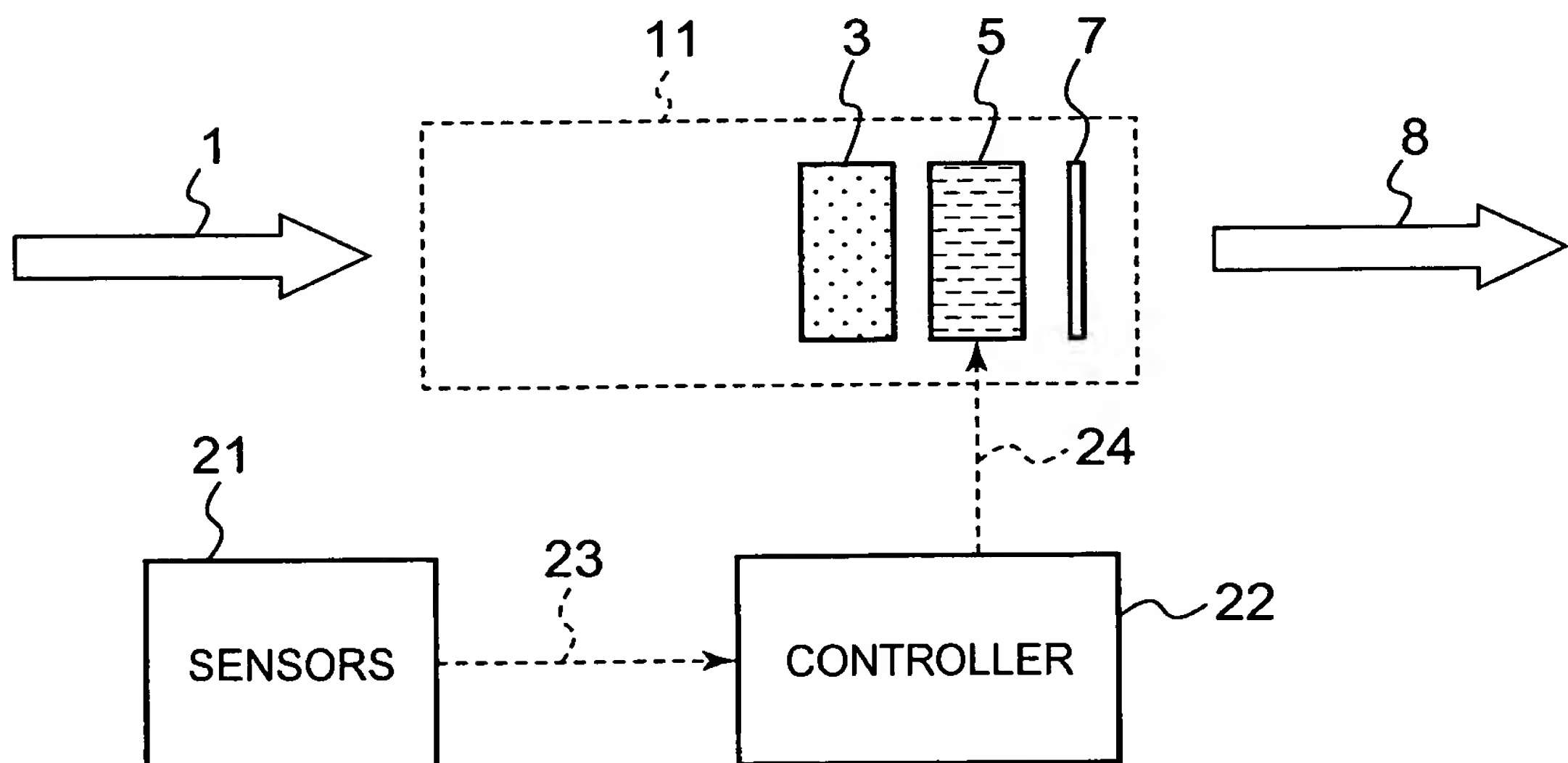


FIG. 6

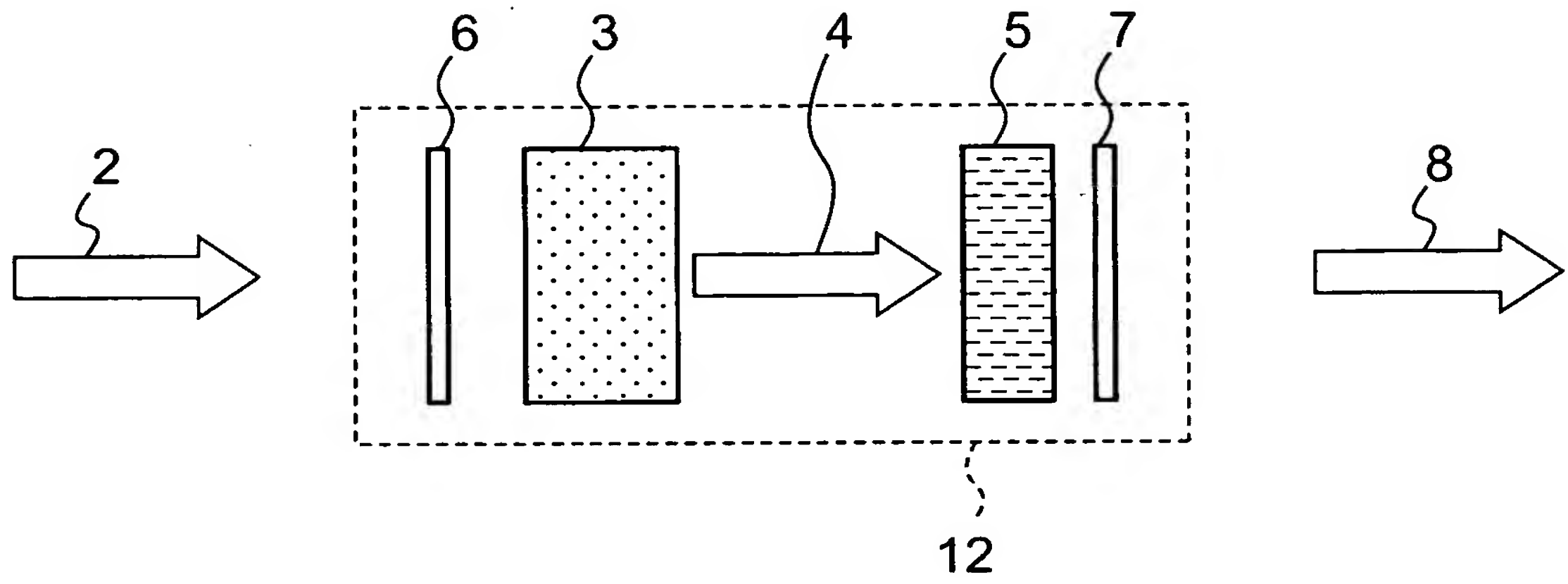


FIG. 7

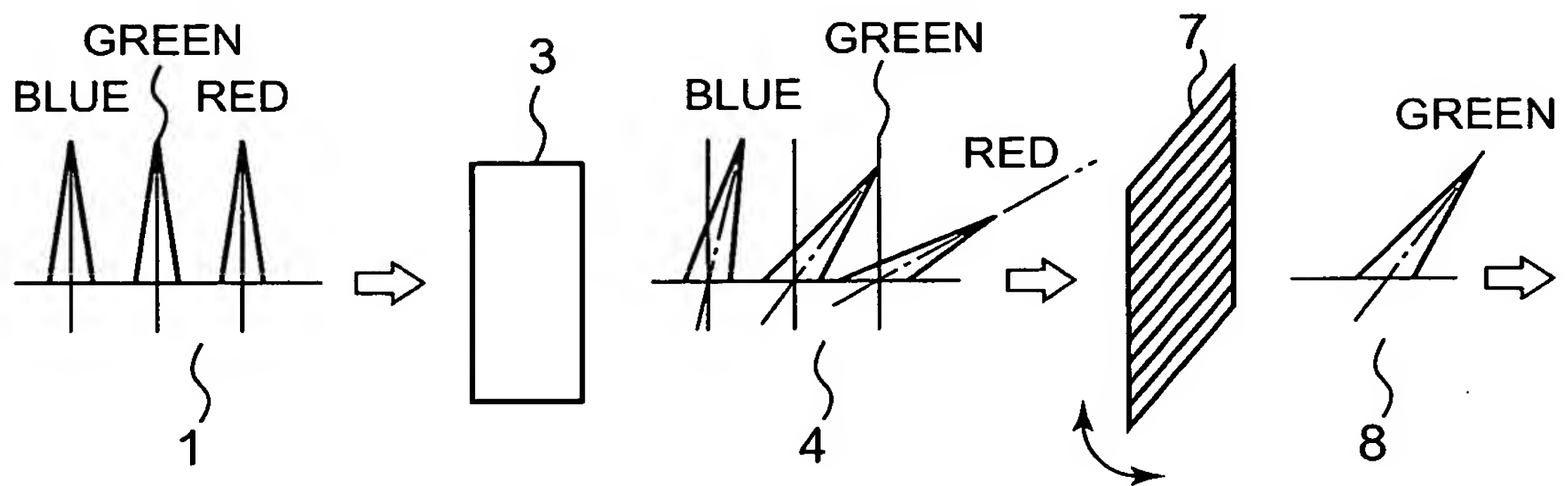


FIG. 8

NEAR FIELD PATTERN (GAUSSIAN DISTRIBUTION, POLARIZATION ANGLE : 0°)

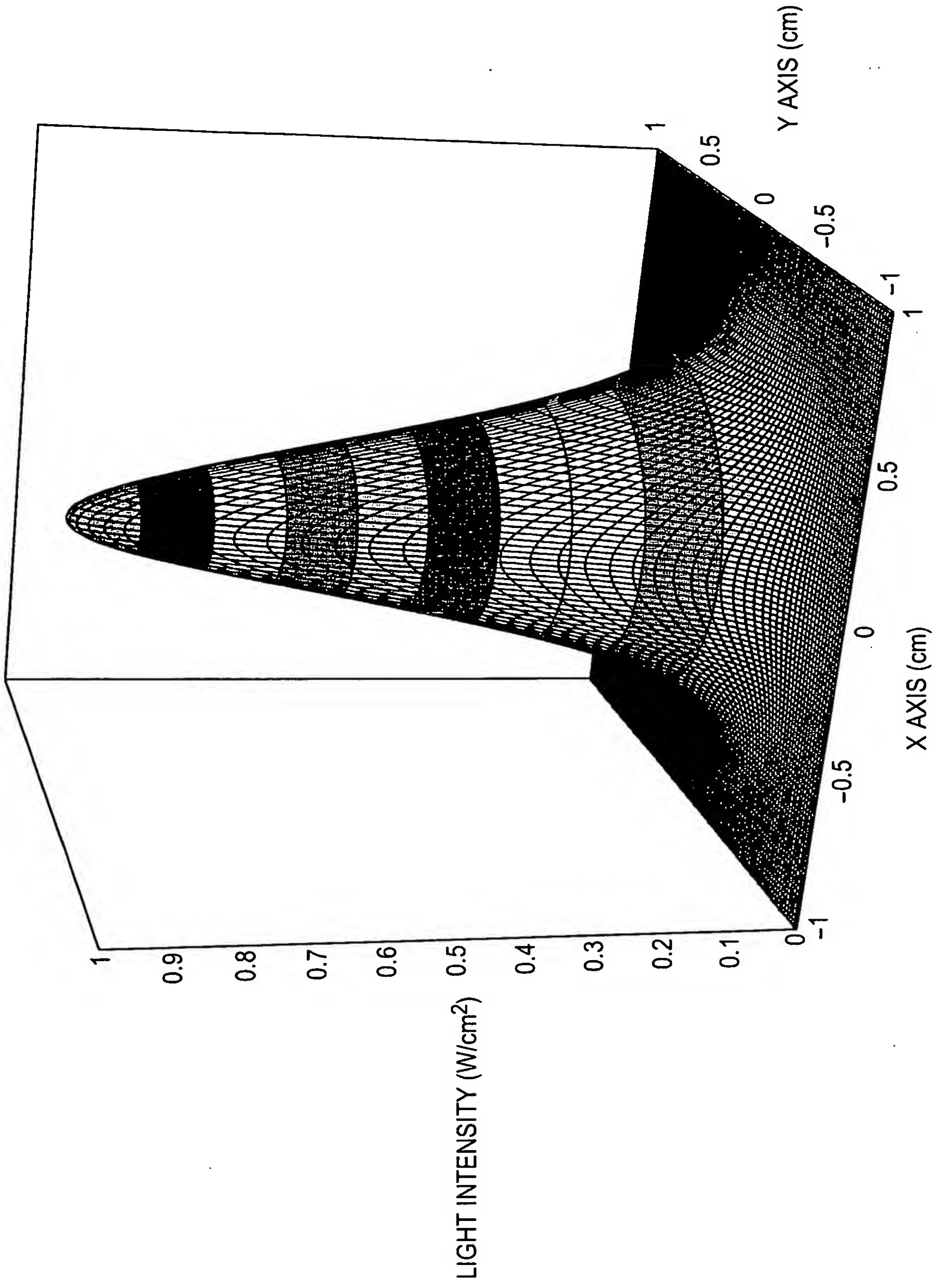


FIG. 9

FAR FIELD PATTERN (GAUSSIAN DISTRIBUTION, POLARIZATION ANGLE :0°)

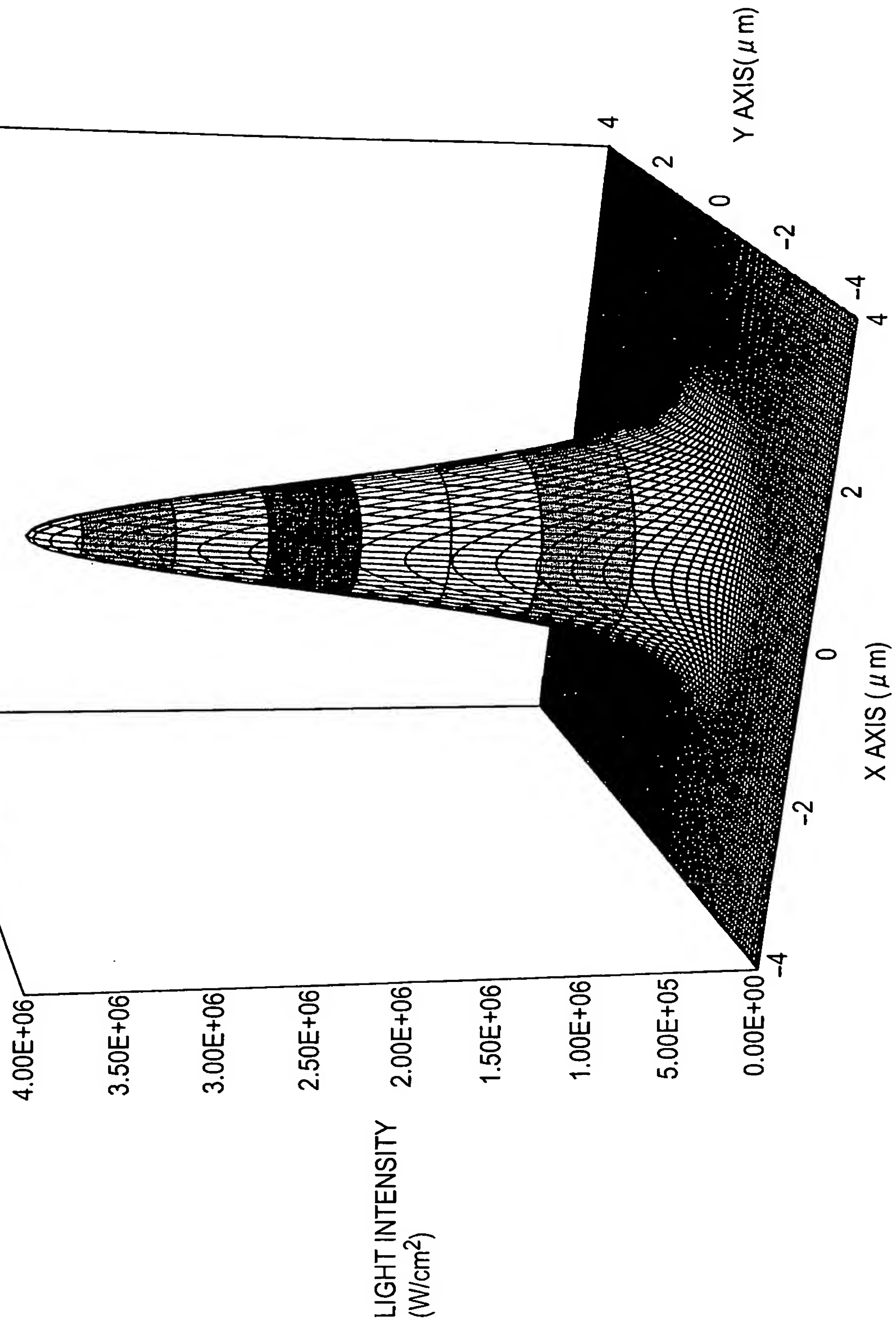


FIG. 10

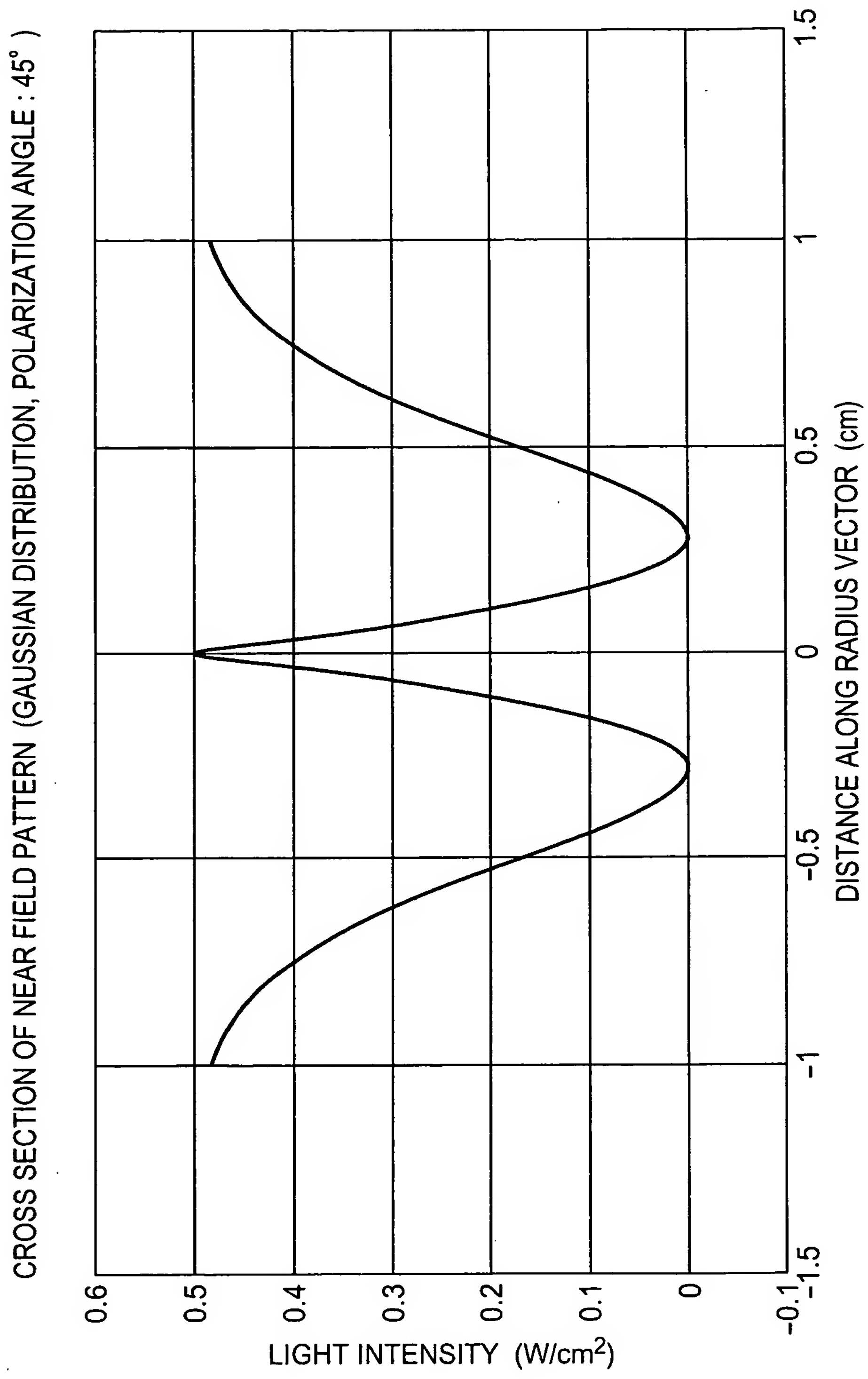


FIG. 11

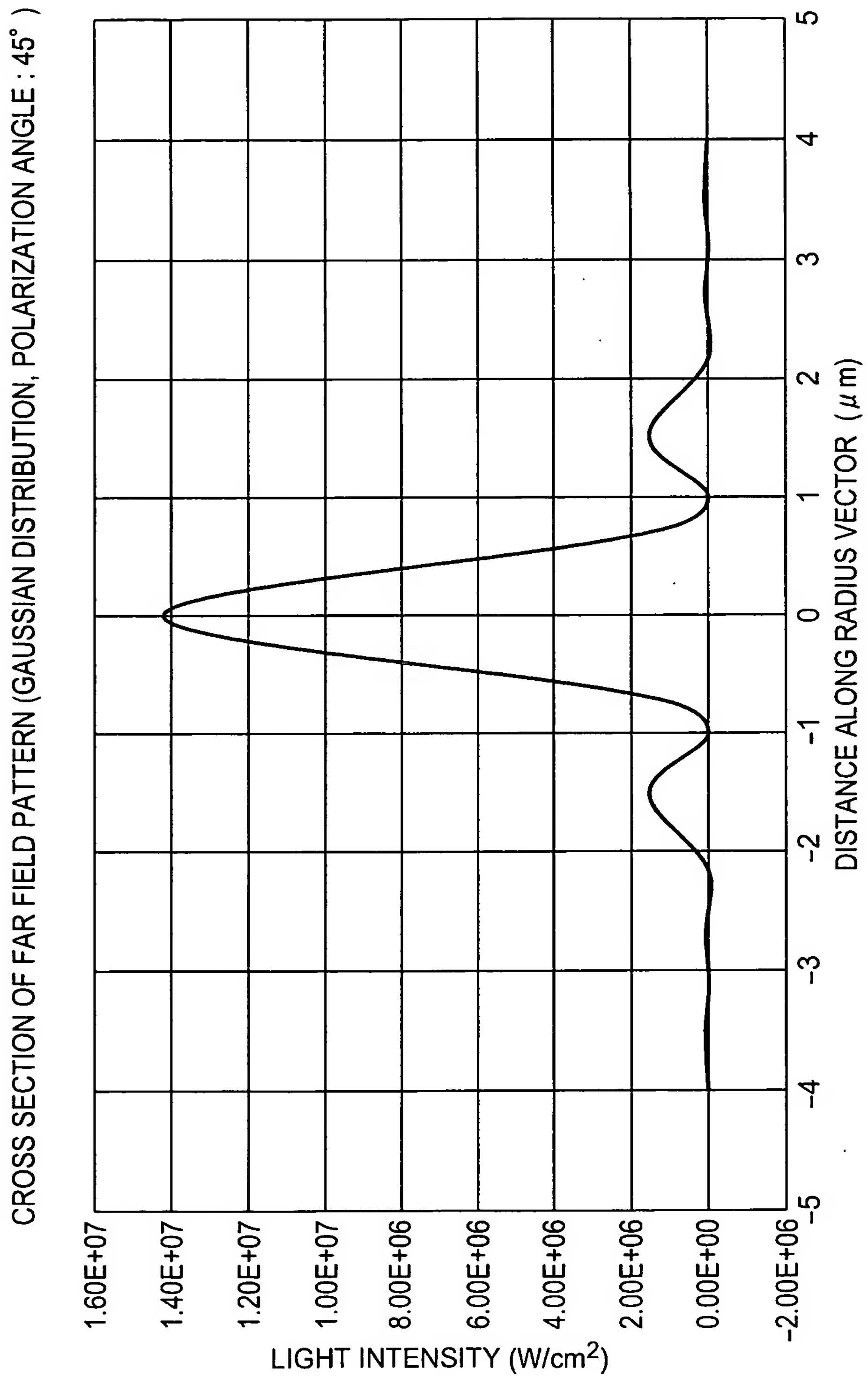


FIG. 12

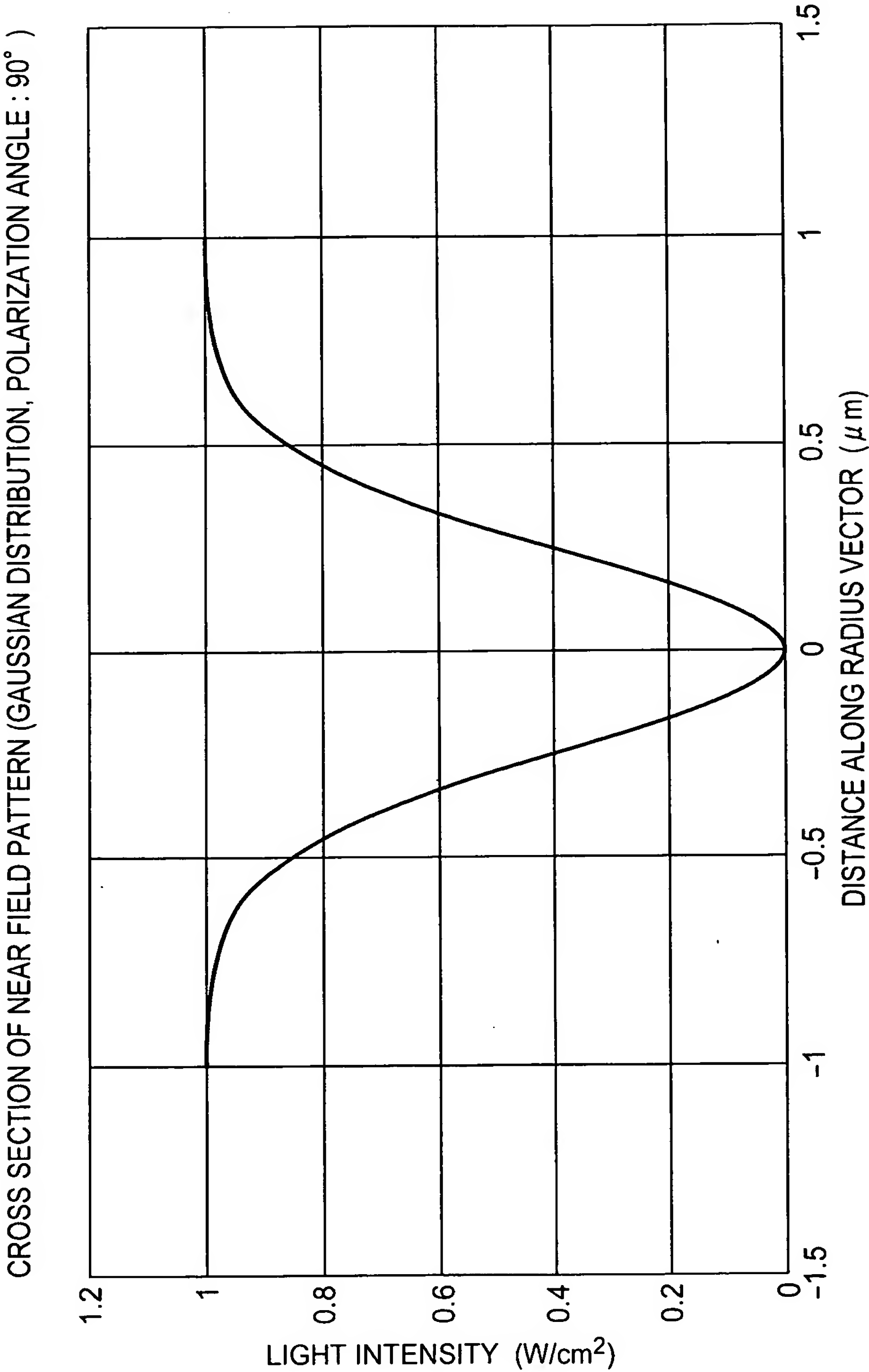


FIG. 13

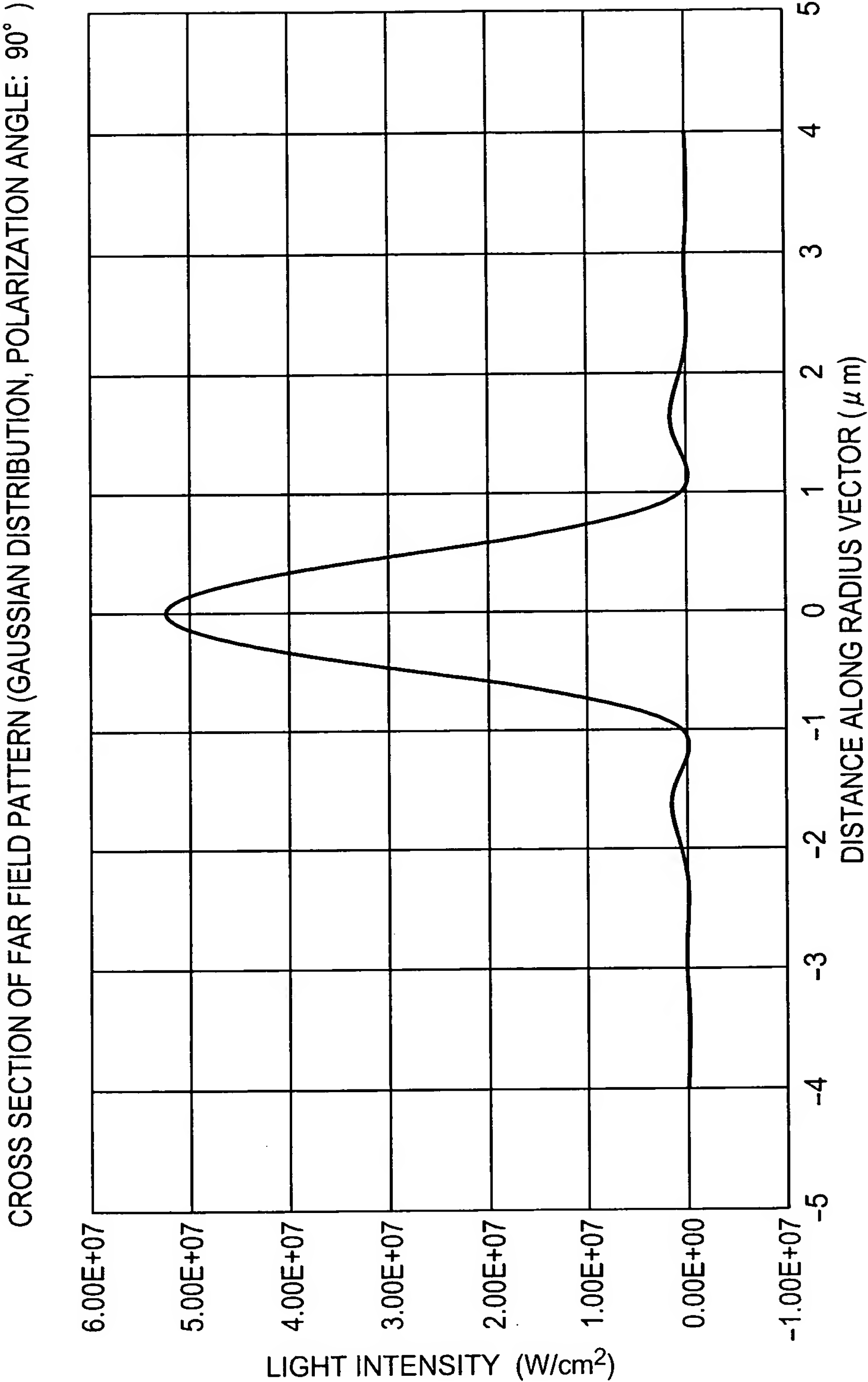


FIG. 14

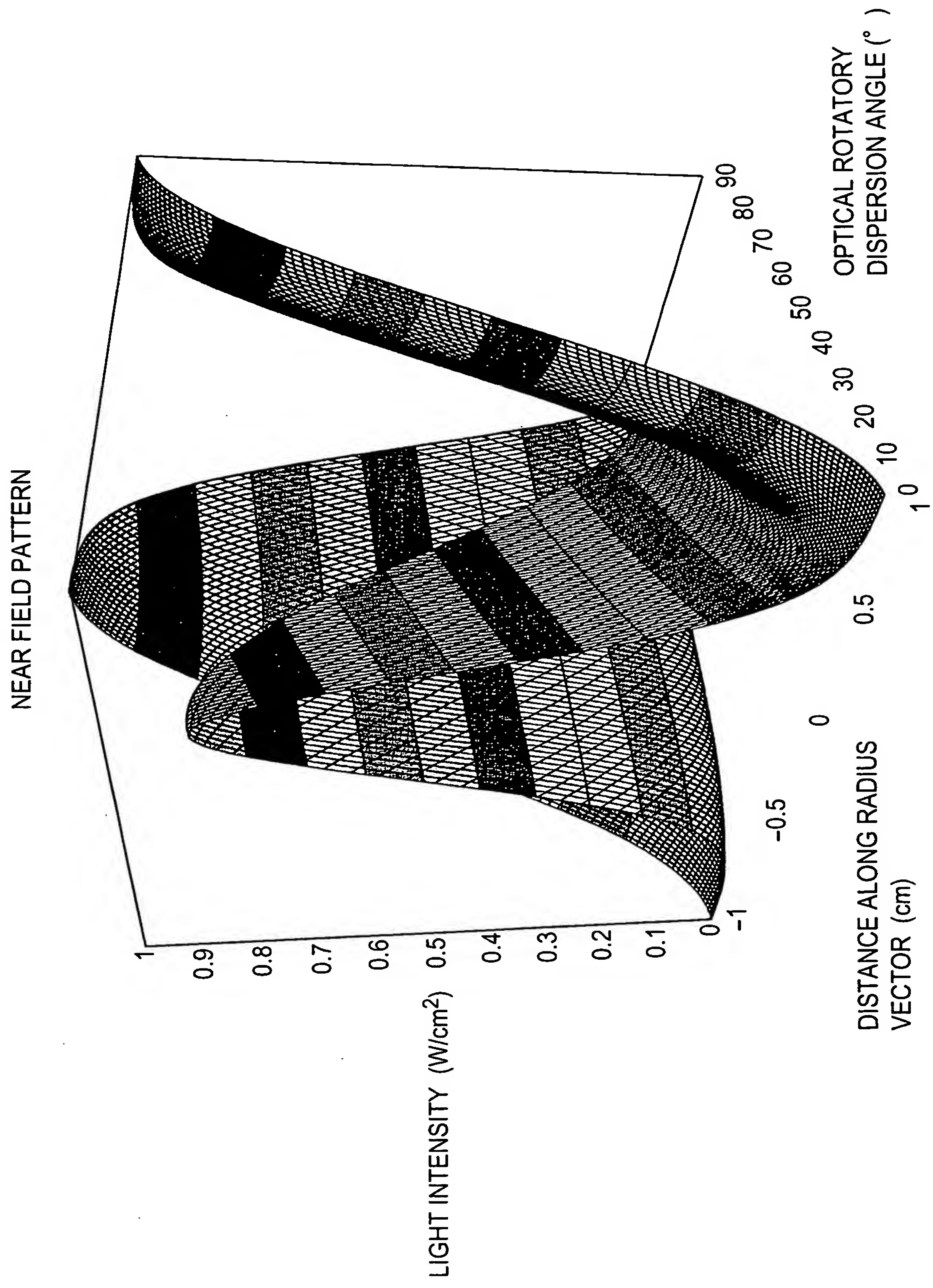


FIG. 15

FAR FIELD PATTERN

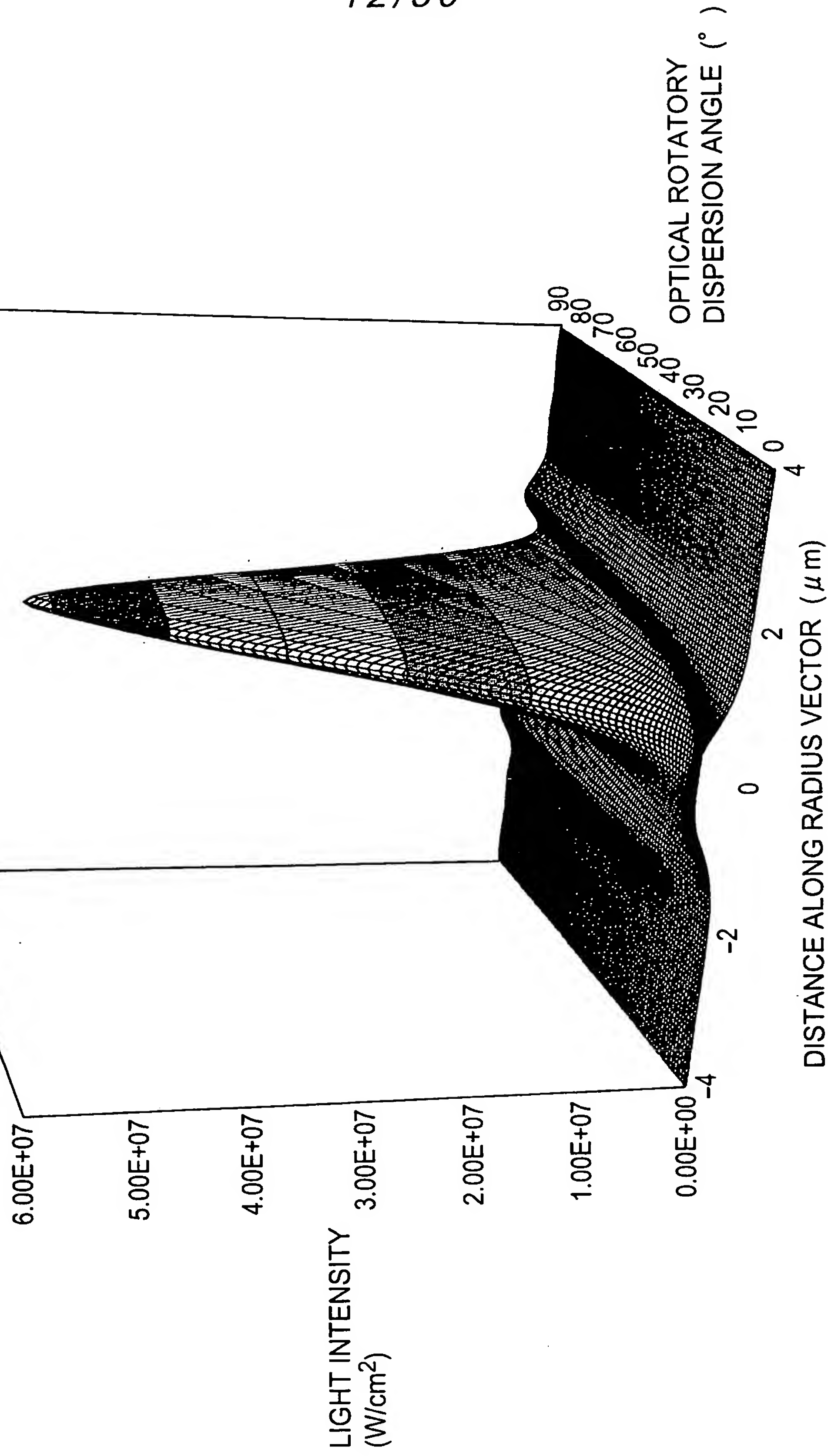


FIG. 16

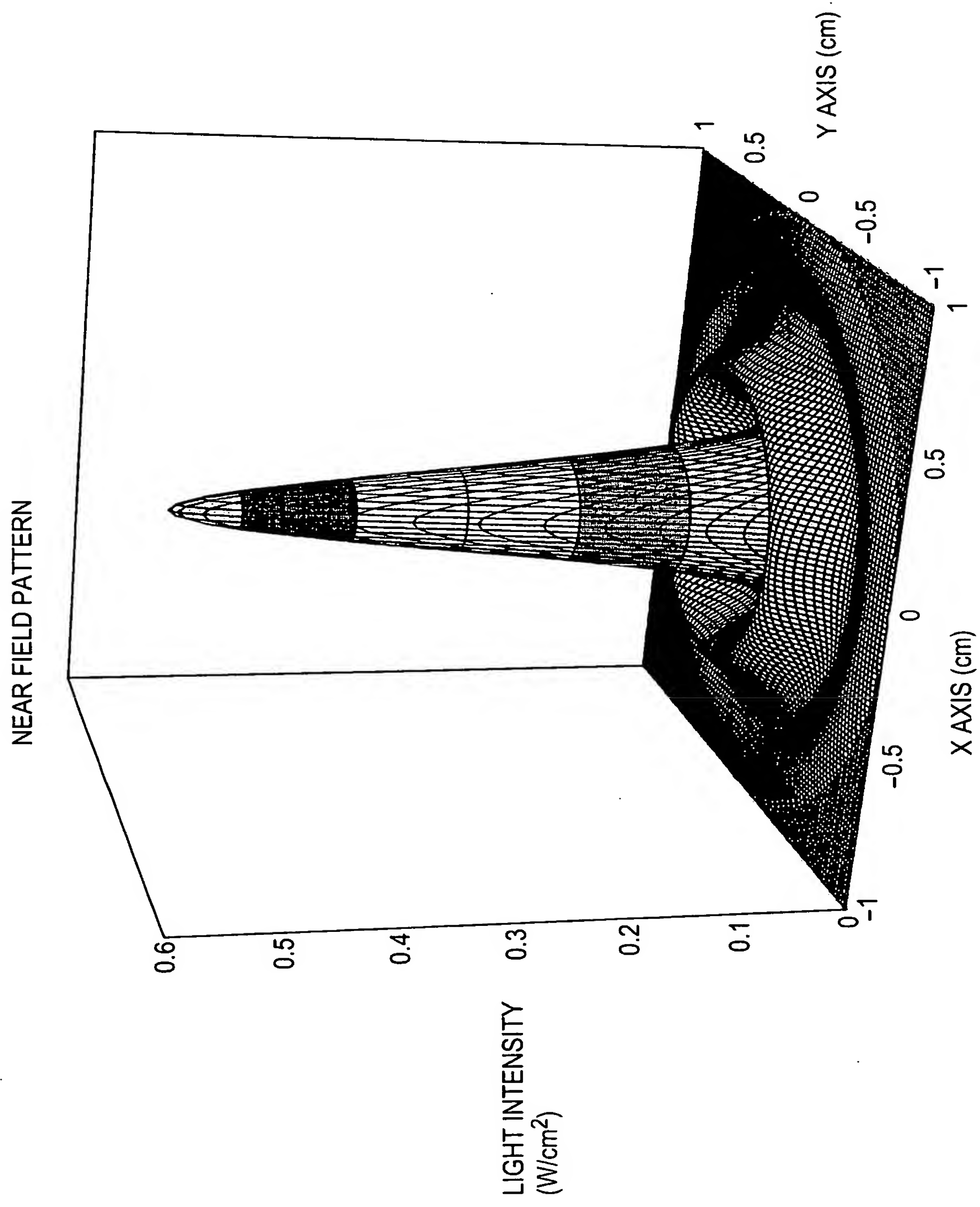


FIG. 17

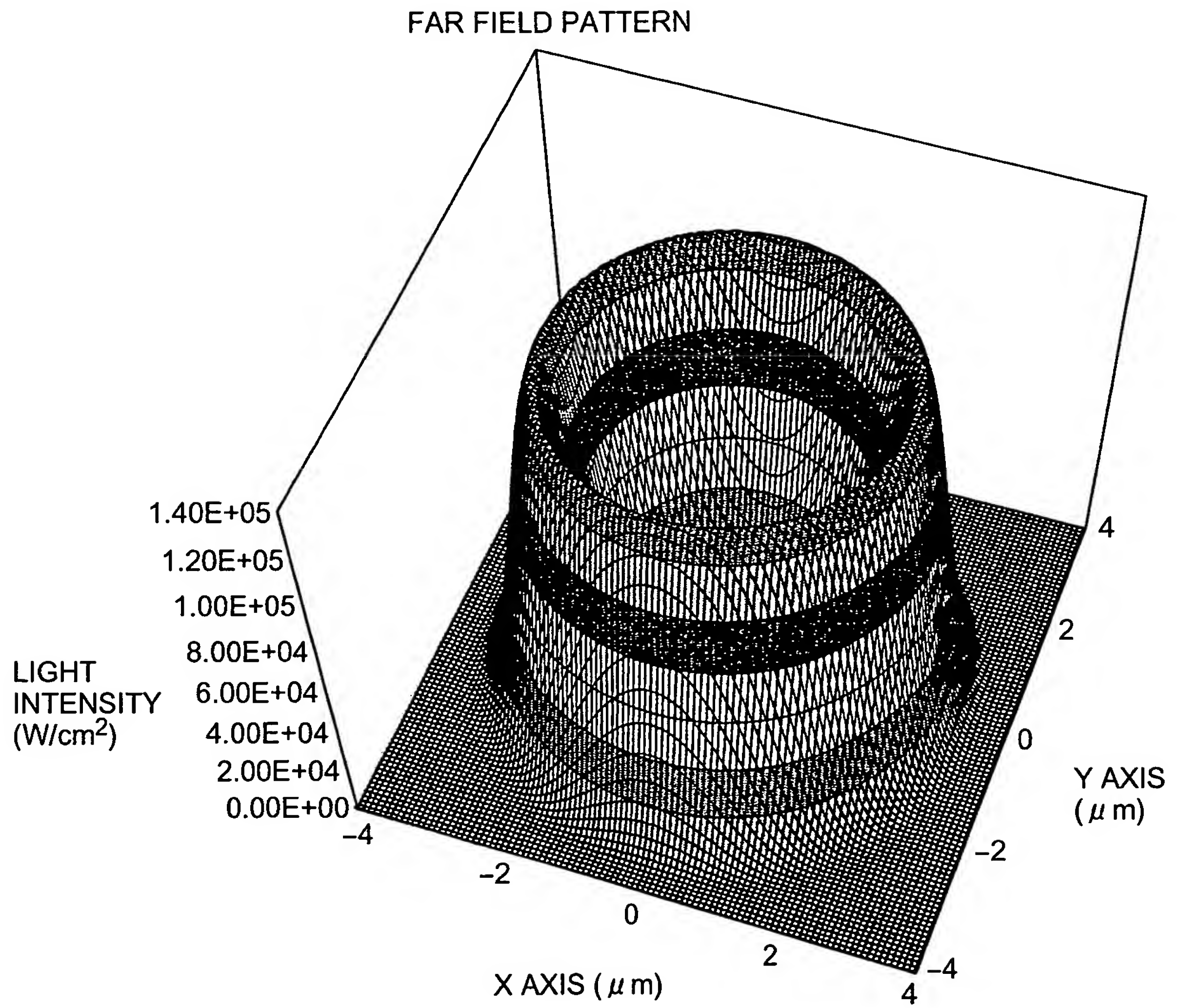


FIG. 18

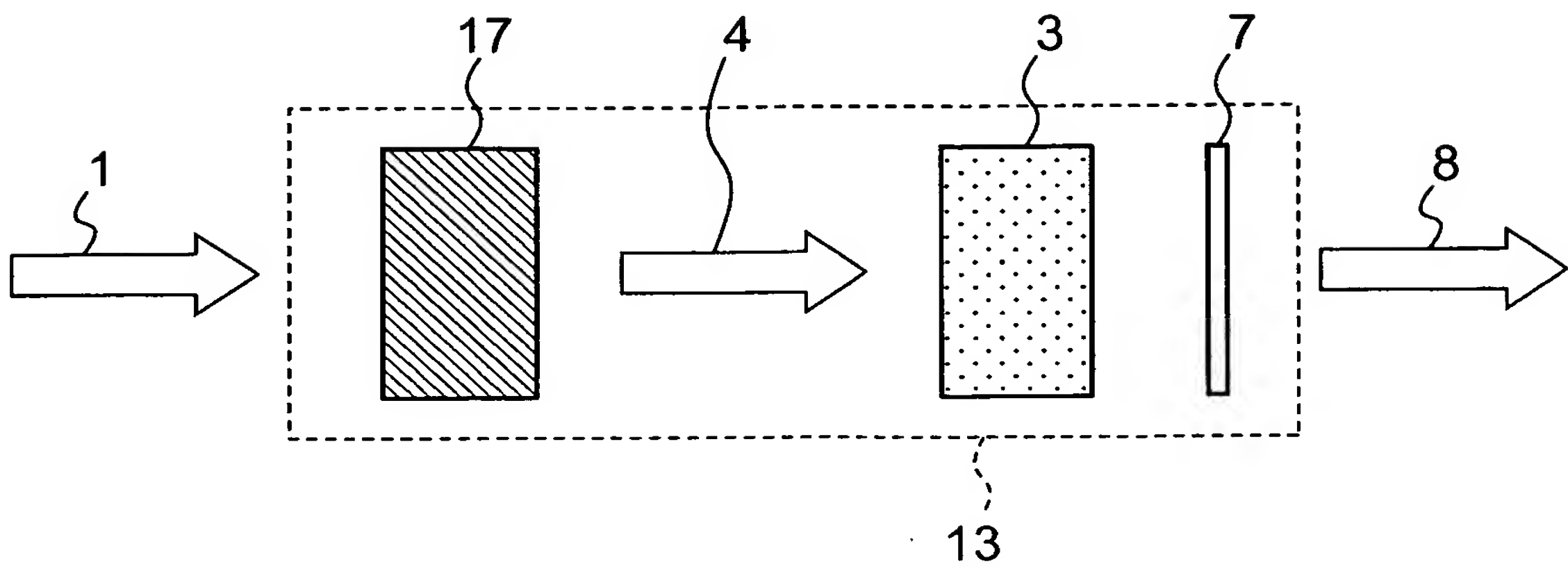


FIG. 19

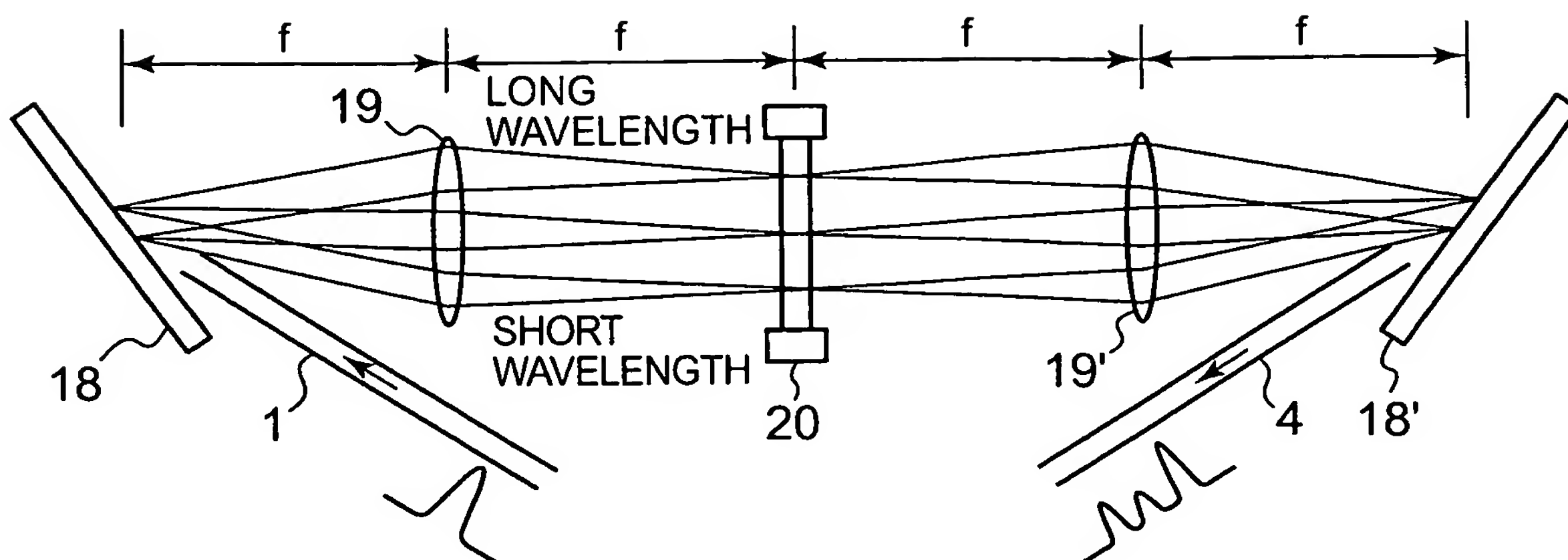


FIG. 20

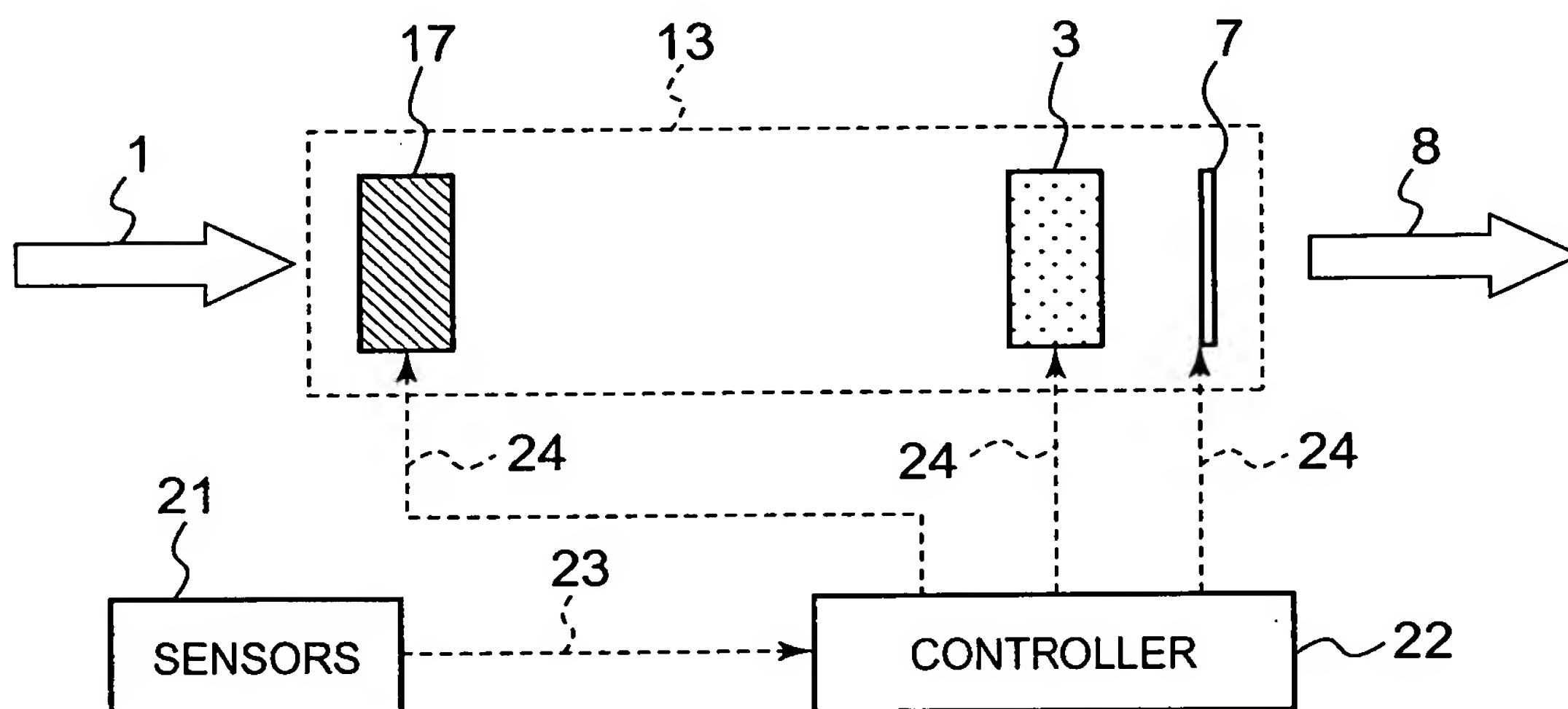


FIG. 21

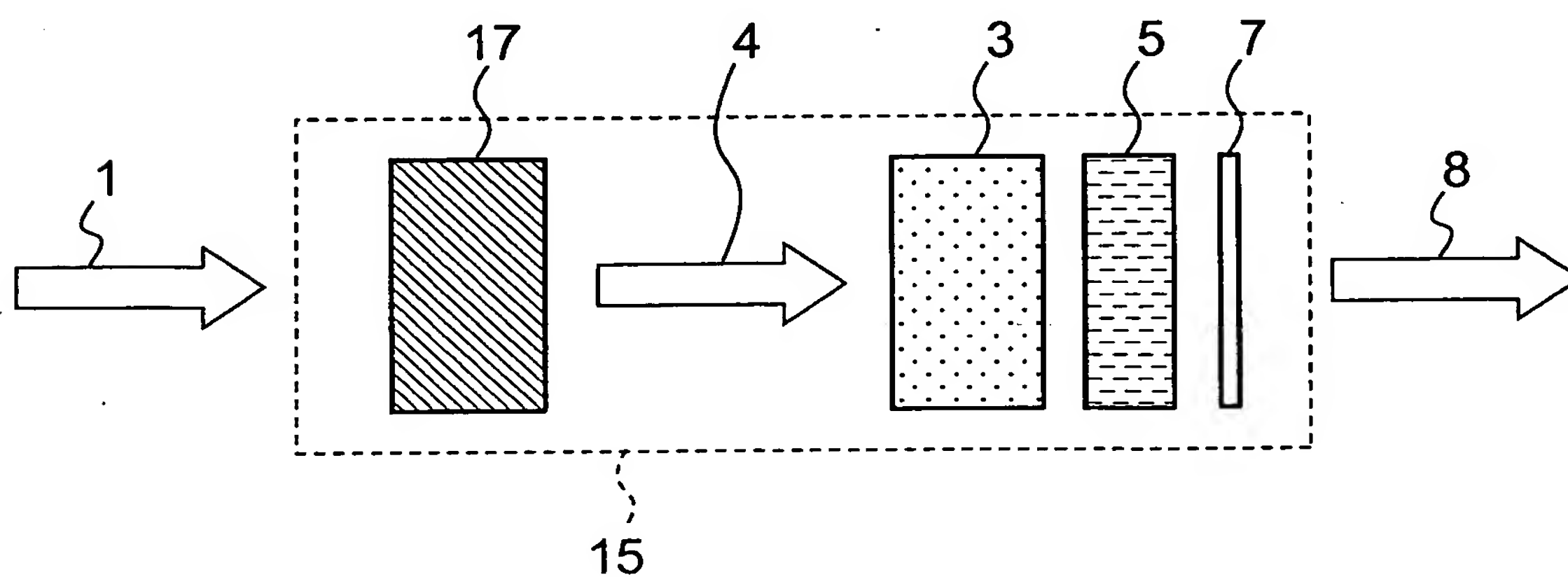


FIG. 22

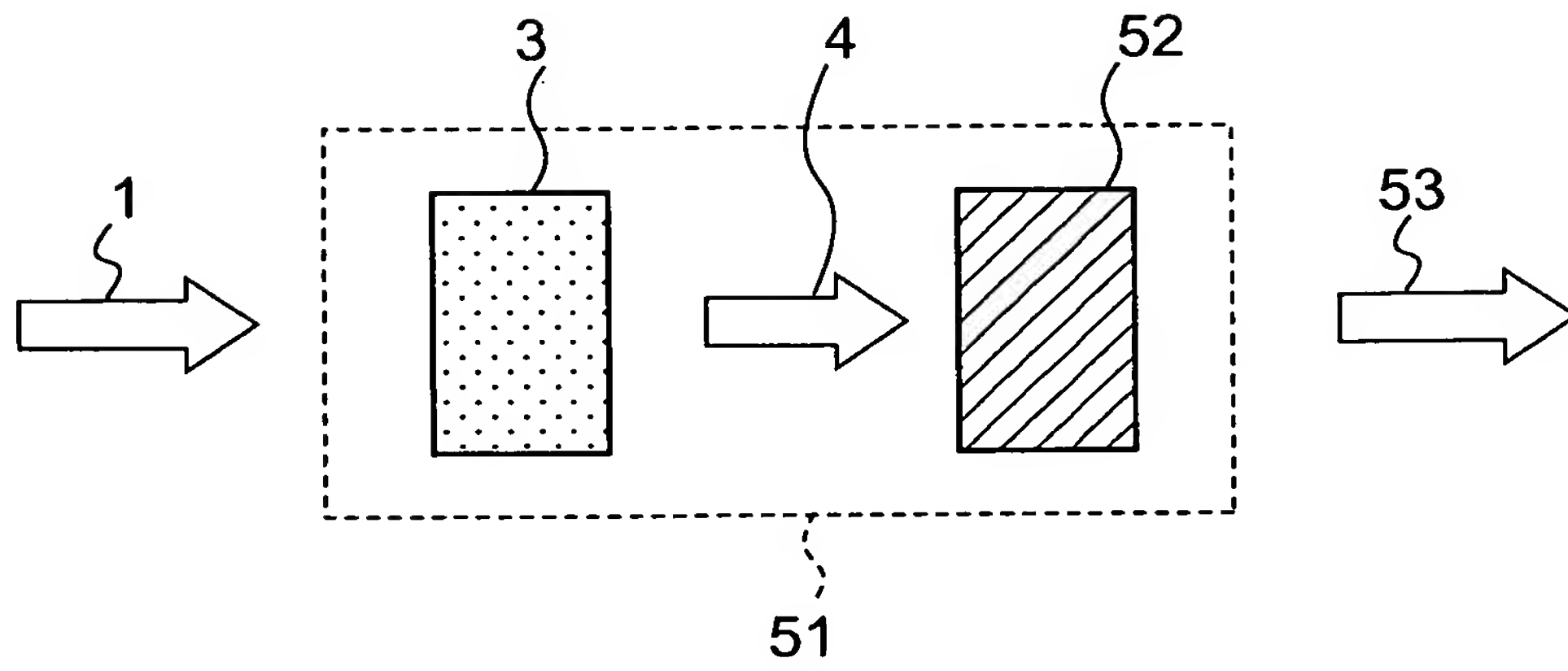


FIG. 23

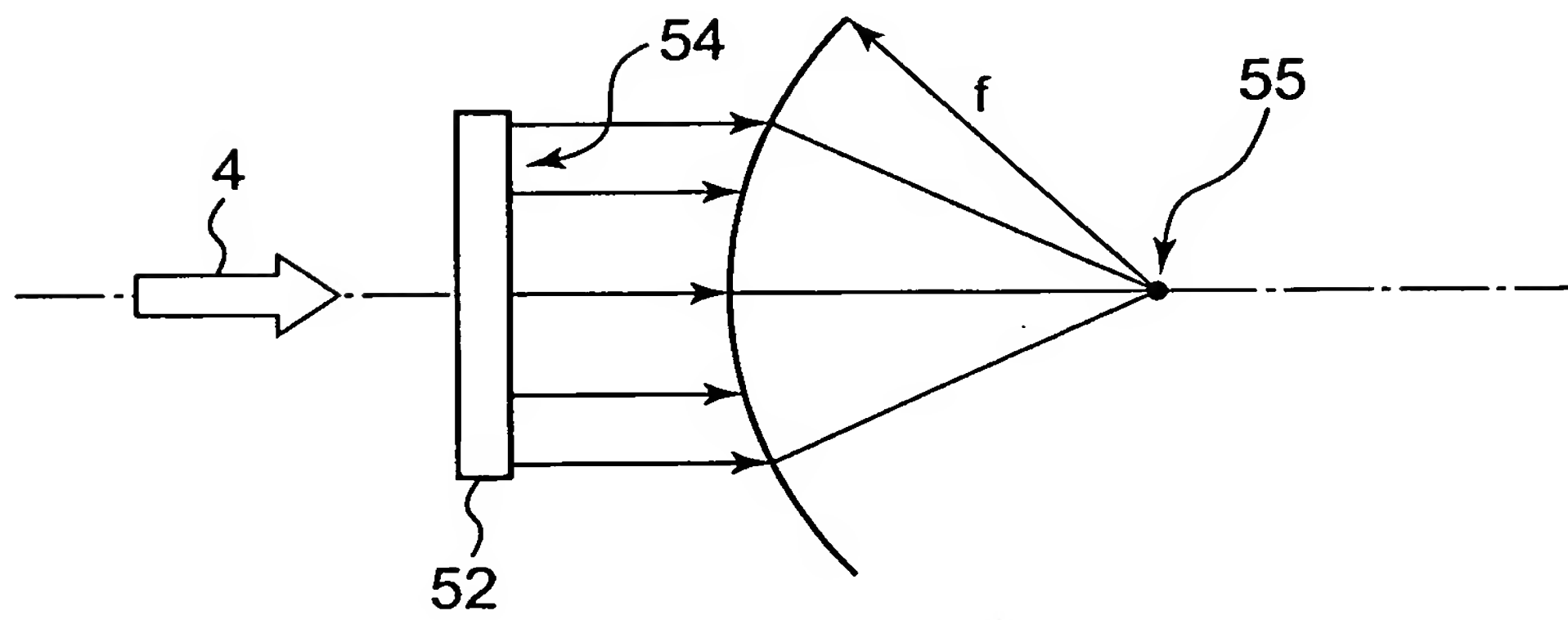


FIG. 24

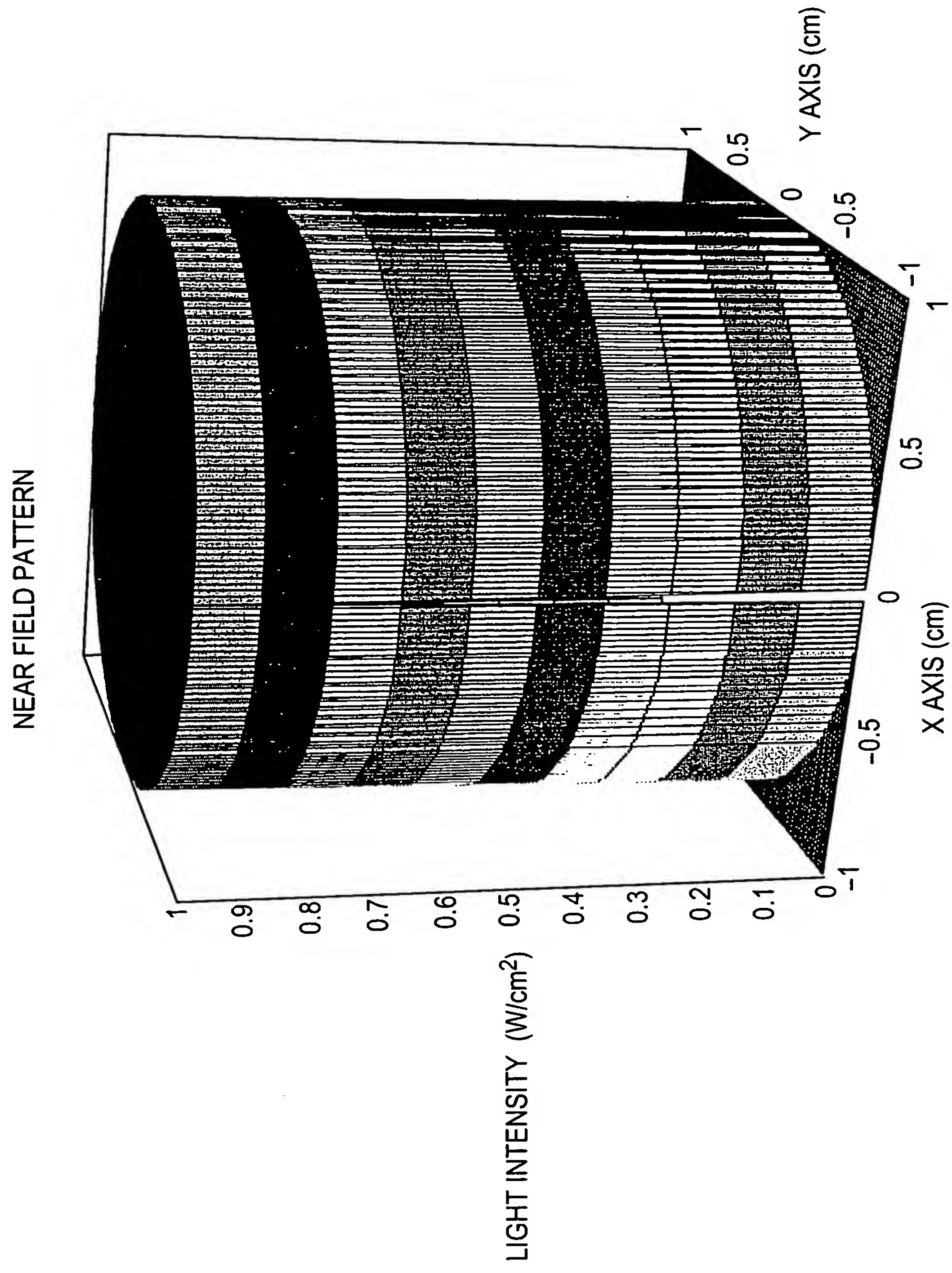


FIG. 25

SPATIAL DISTRIBUTION OF NEAR FIELD PHASE (HELICAL PITCH : 2π rad)

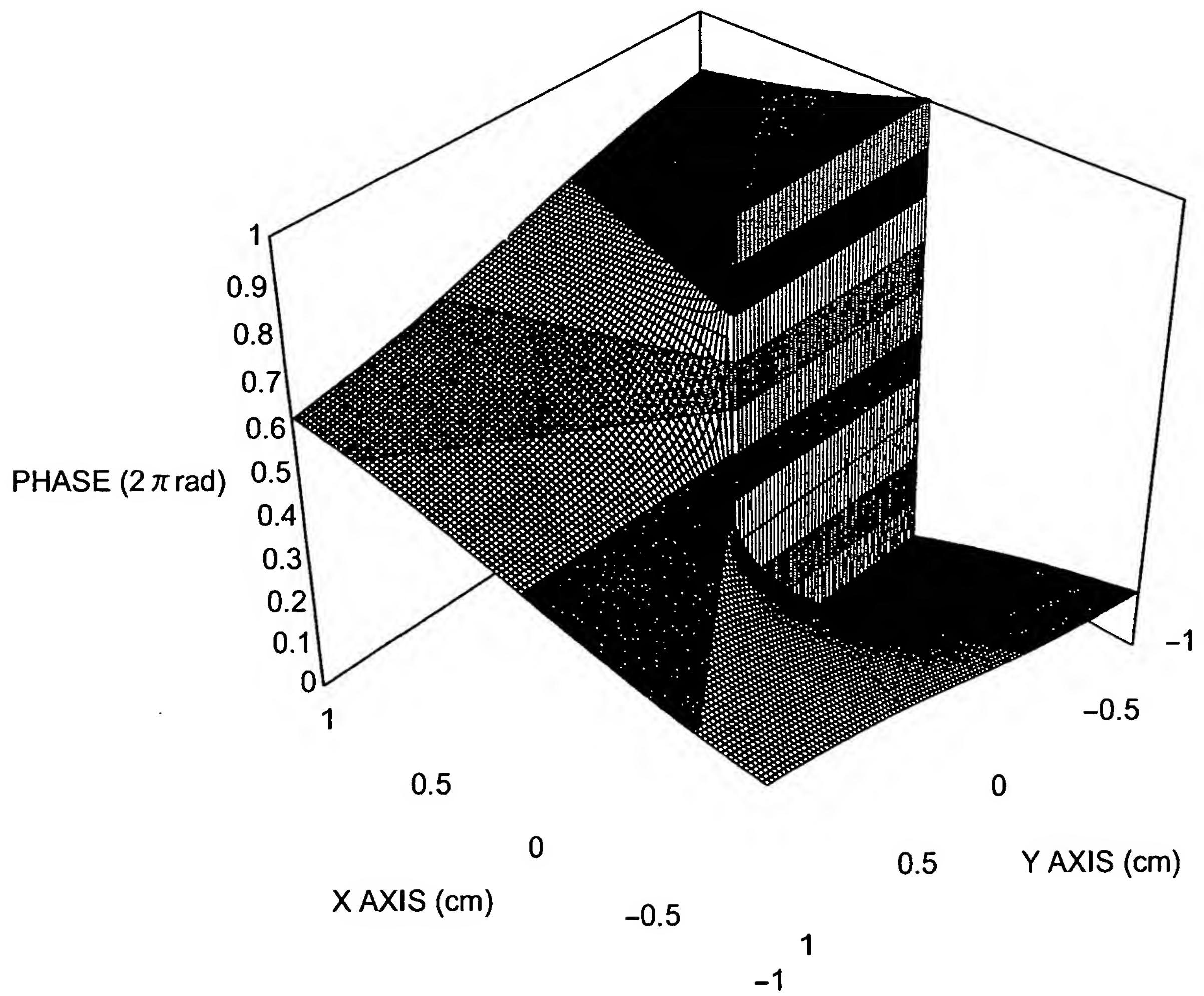


FIG. 26

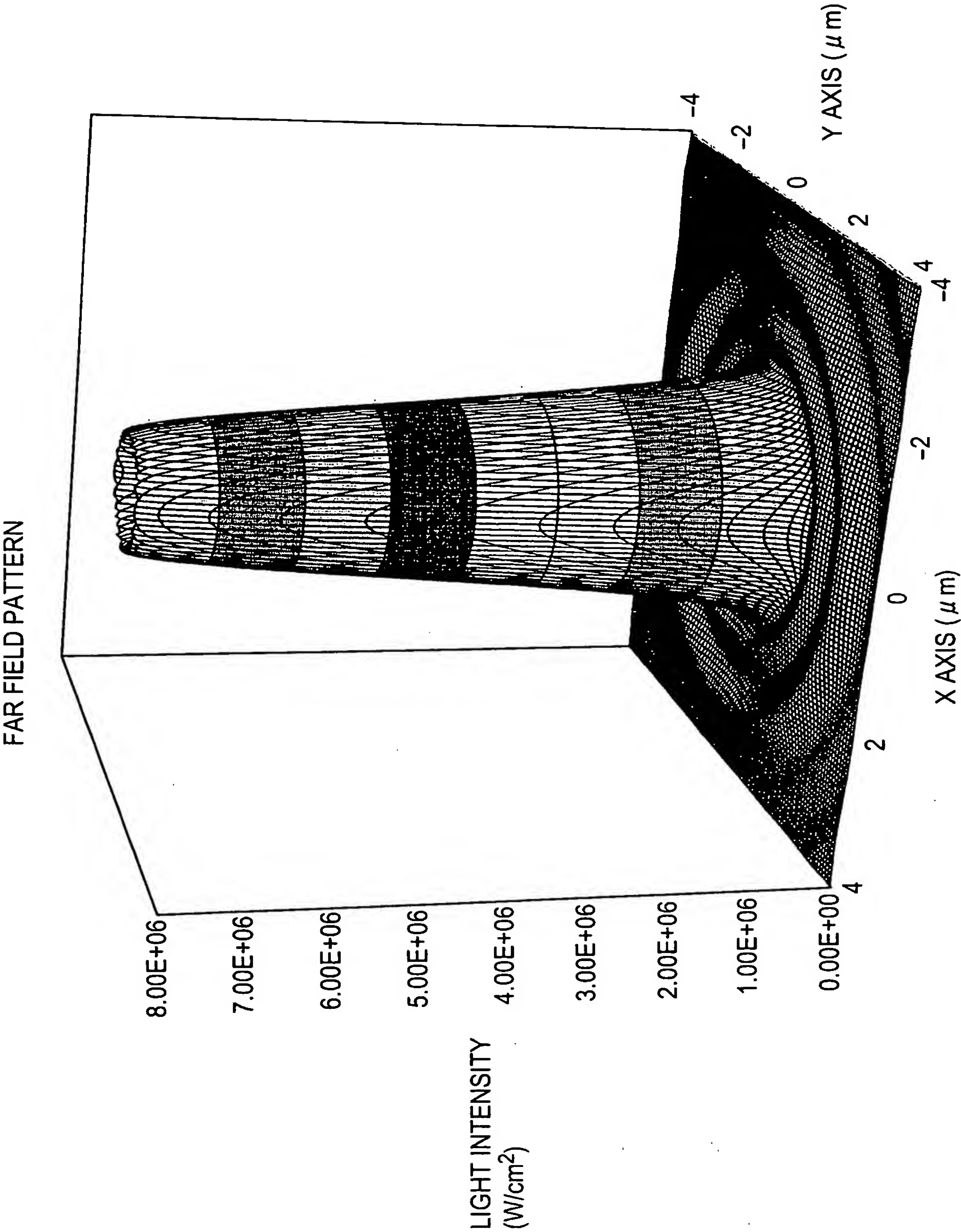


FIG. 27

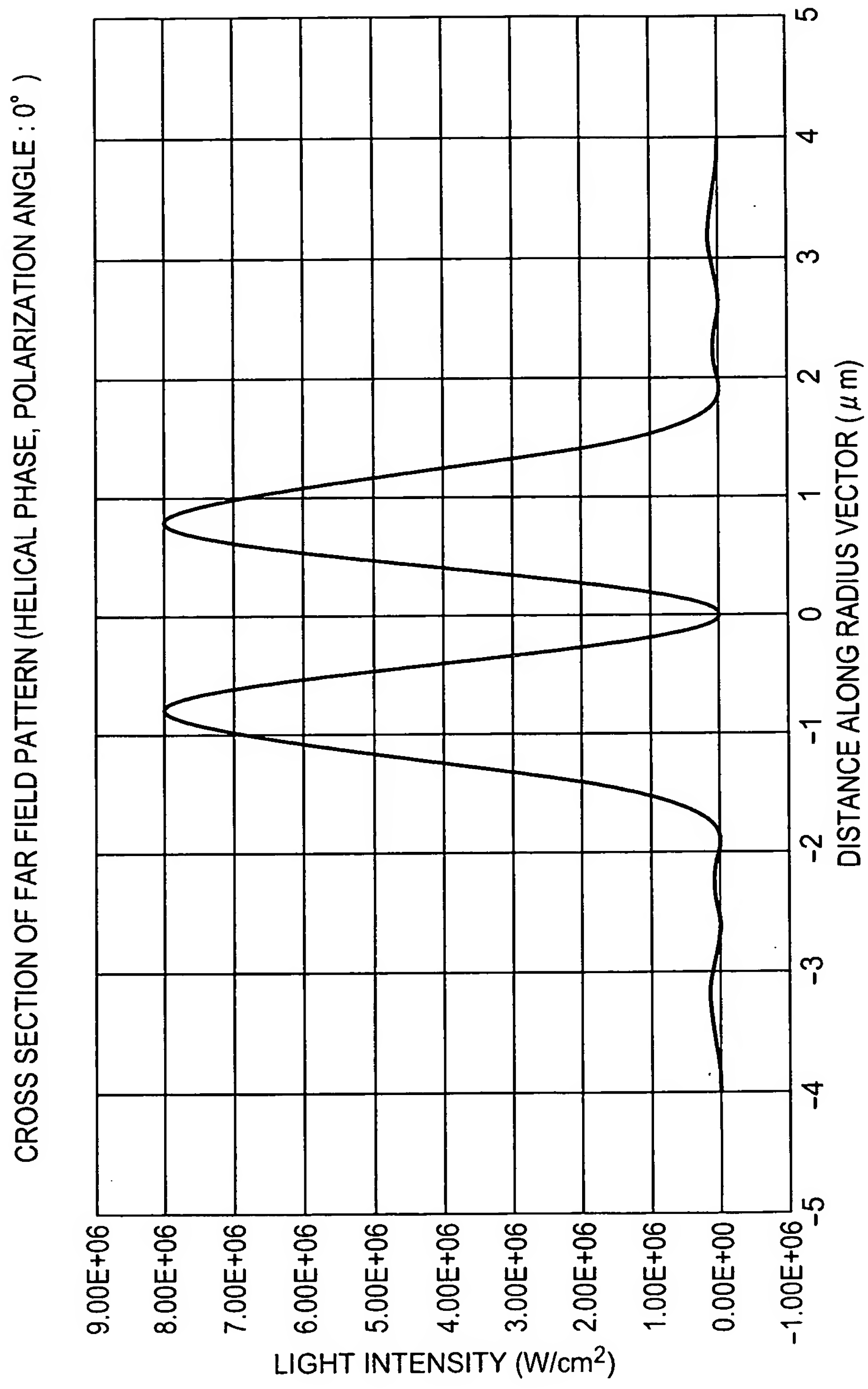


FIG. 28

CROSS SECTION OF FAR FIELD PATTERN (HELICAL PHASE, POLARIZATION ANGLE : 20°)

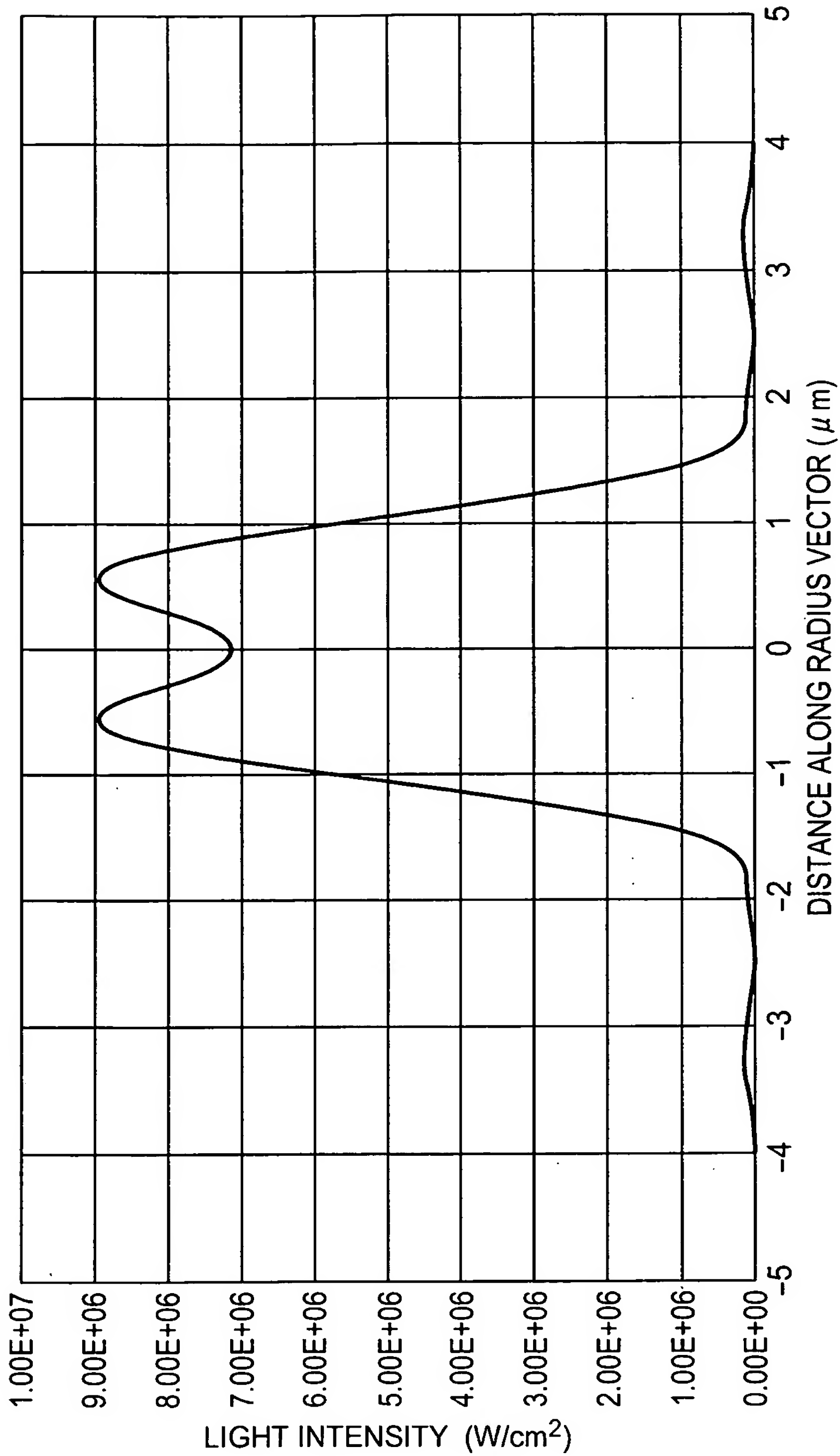


FIG. 29

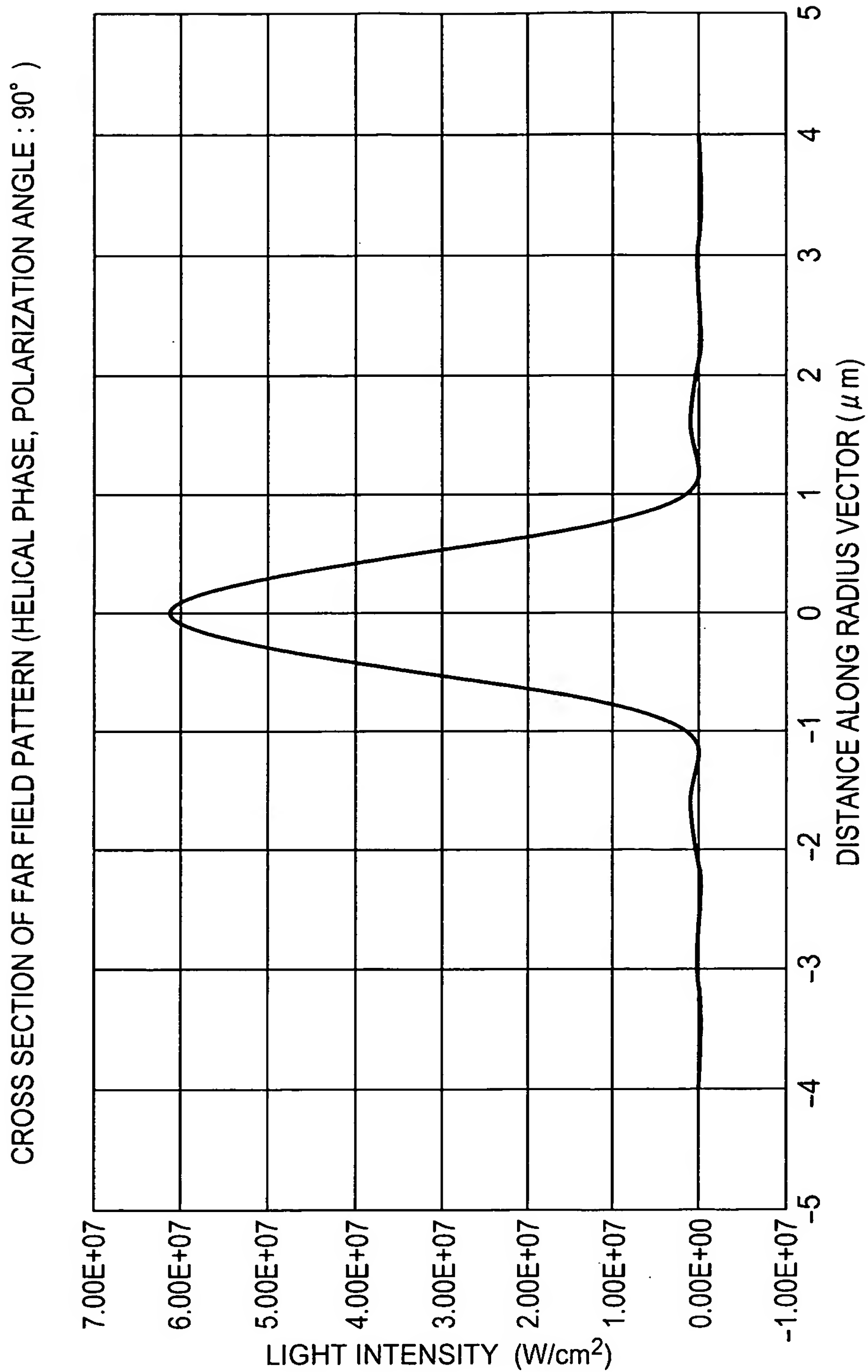


FIG. 30

CROSS SECTION OF NEAR FIELD PATTERN (HELICAL PHASE, CIRCULAR PLANE WAVE)

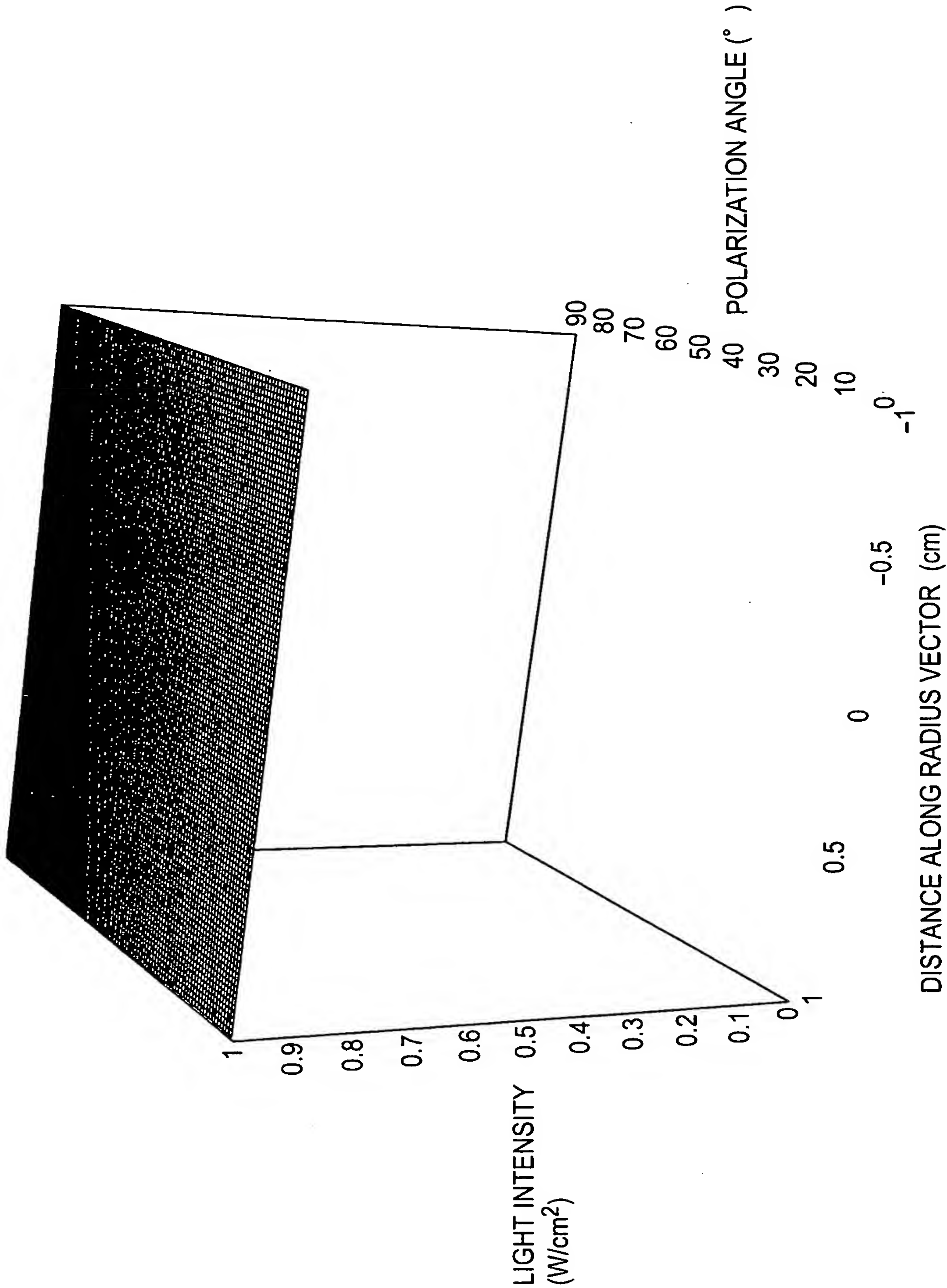


FIG. 31

FAR FIELD PATTERN (HELICAL PHASE, CIRCULAR PLANE WAVE)

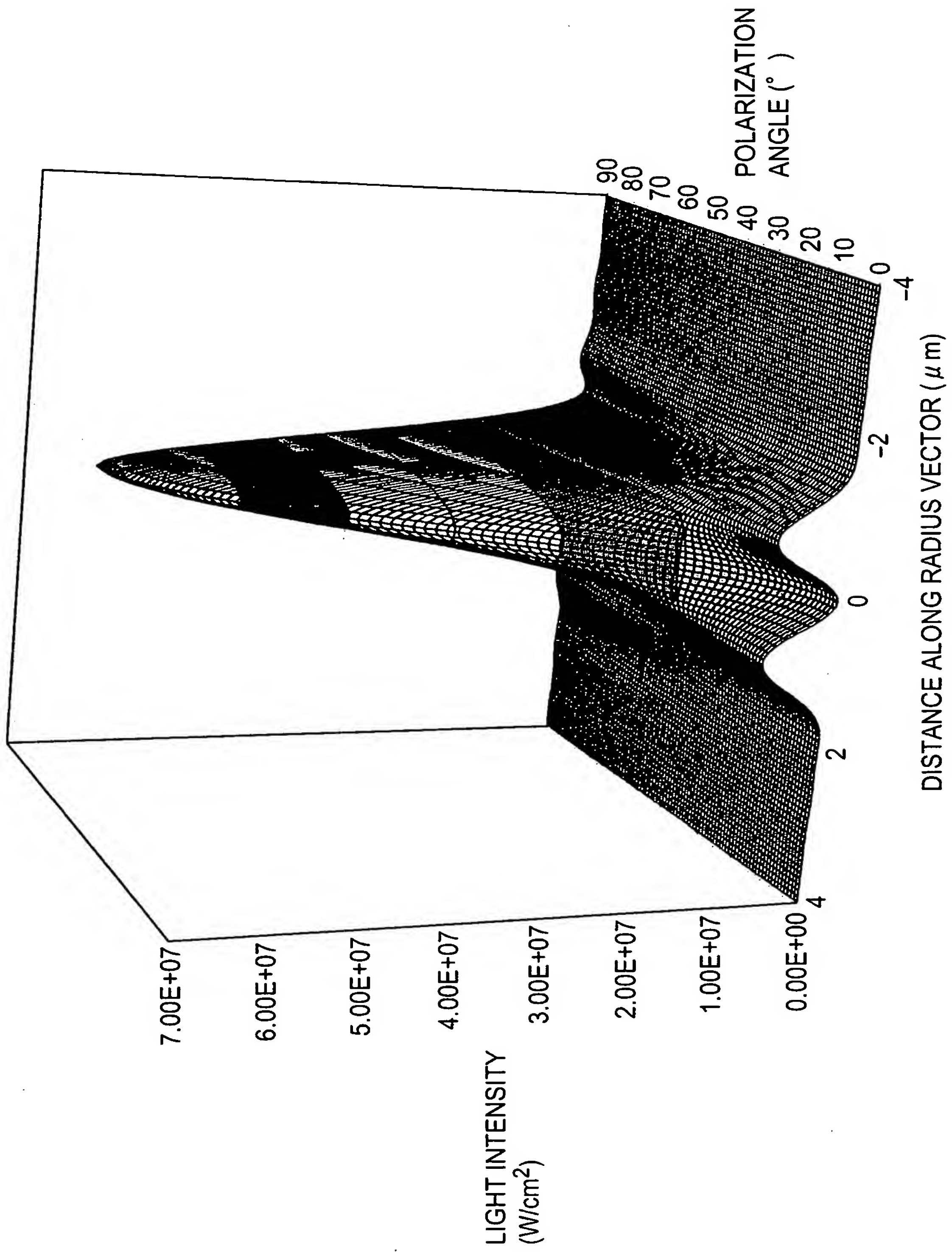


FIG. 32

NEAR FIELD PATTERN (HELICAL PHASE, GAUSSIAN FUNCTION DISTRIBUTION)

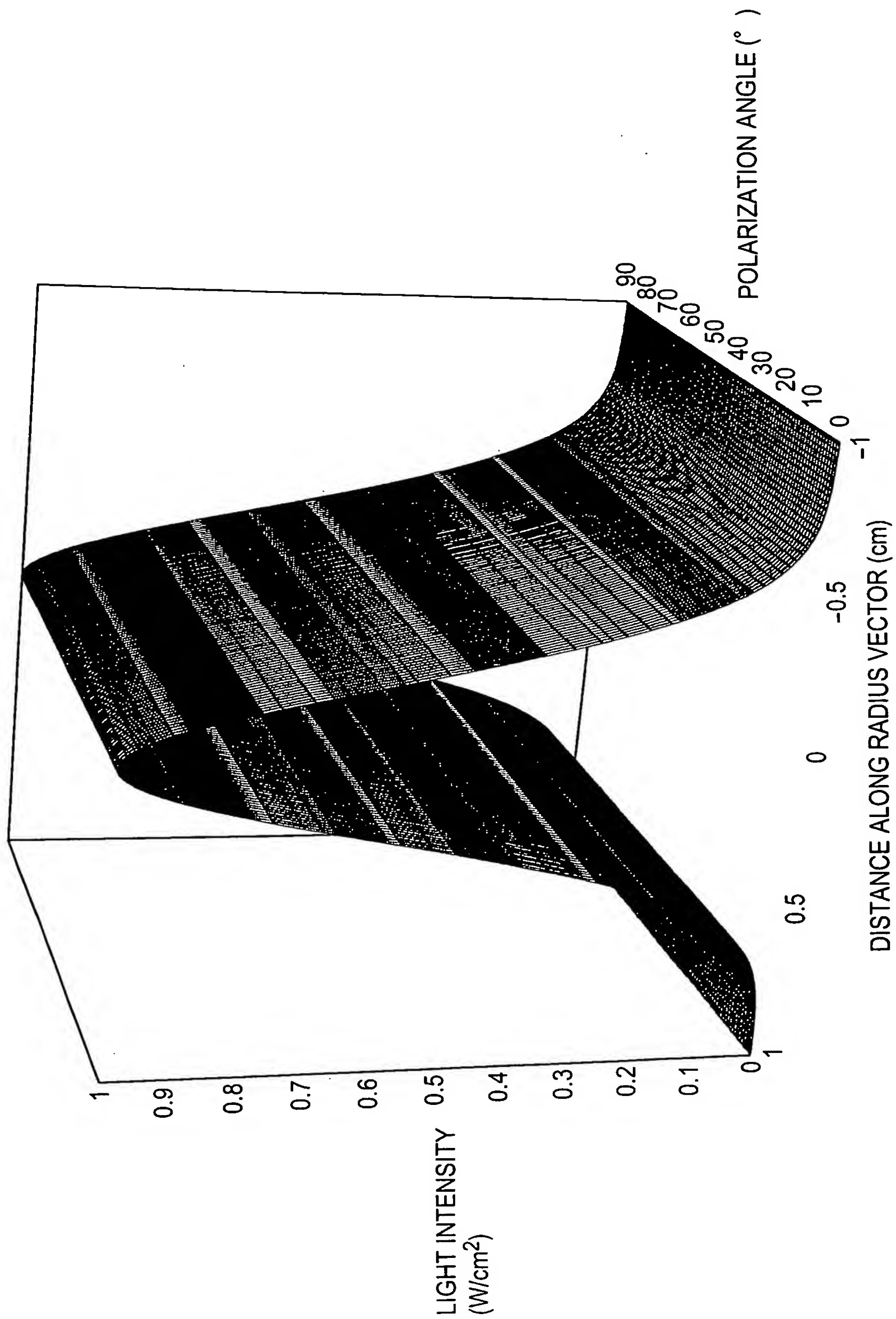


FIG. 33

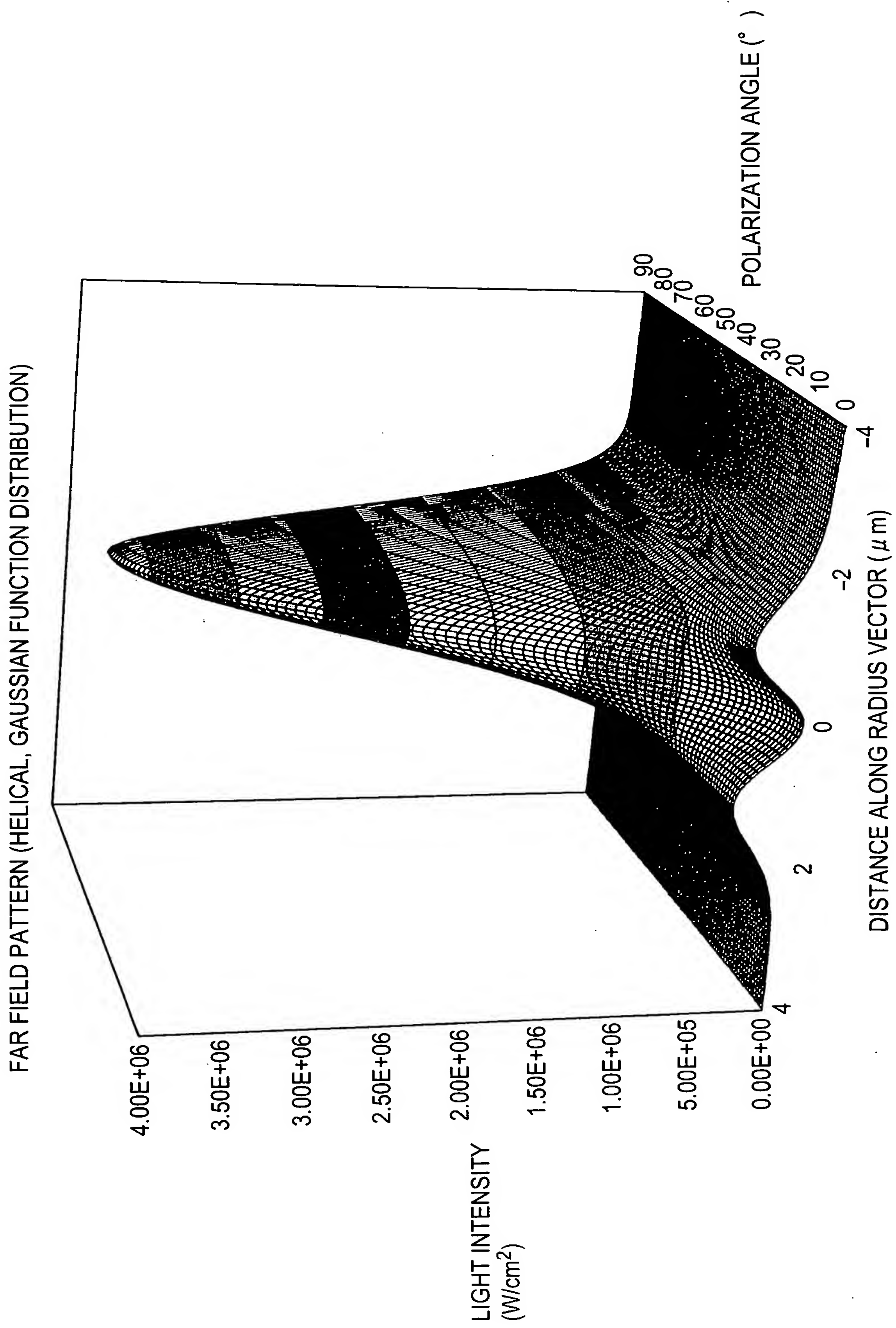


FIG. 34

FIG. 35

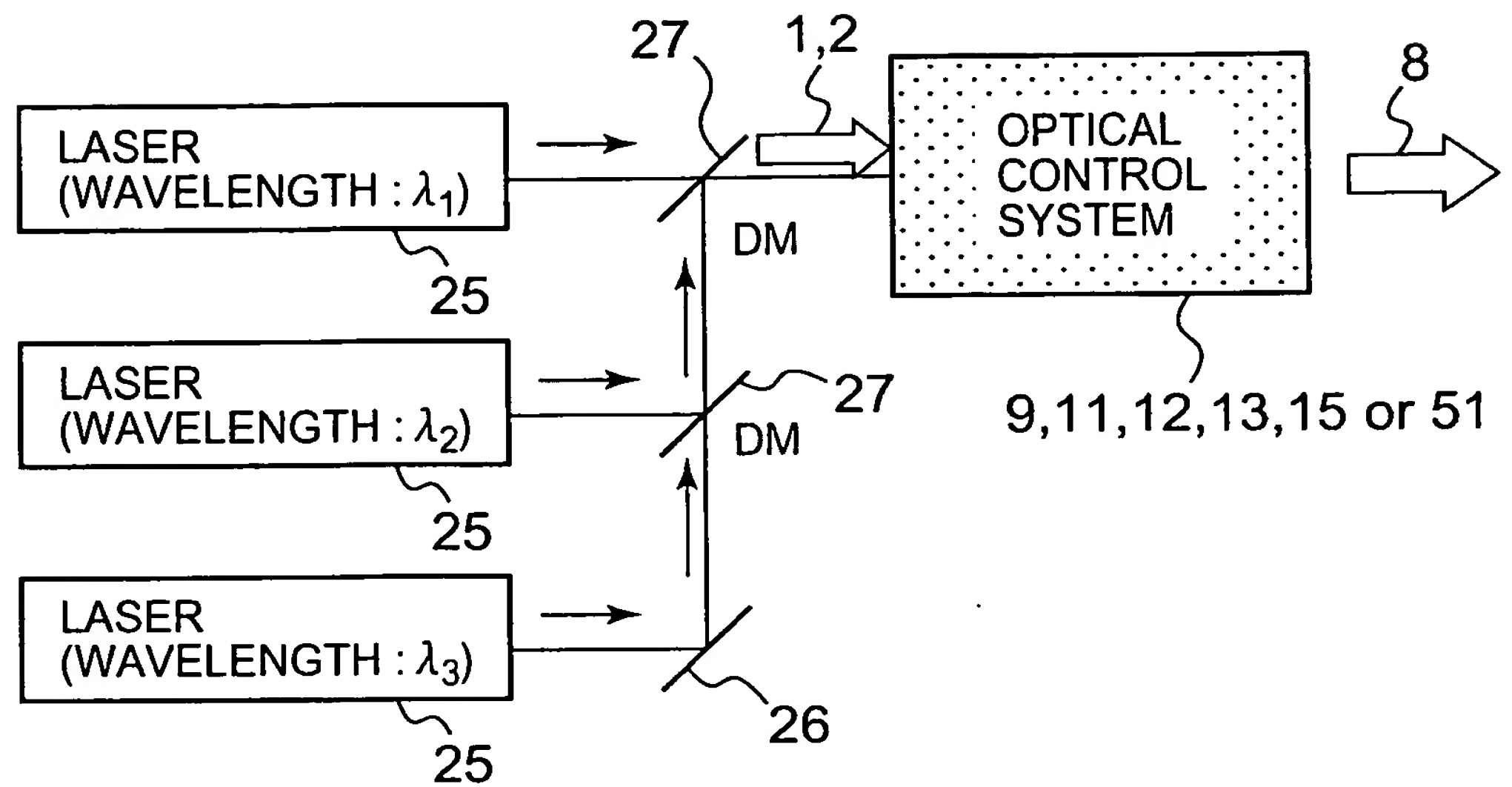


FIG. 36

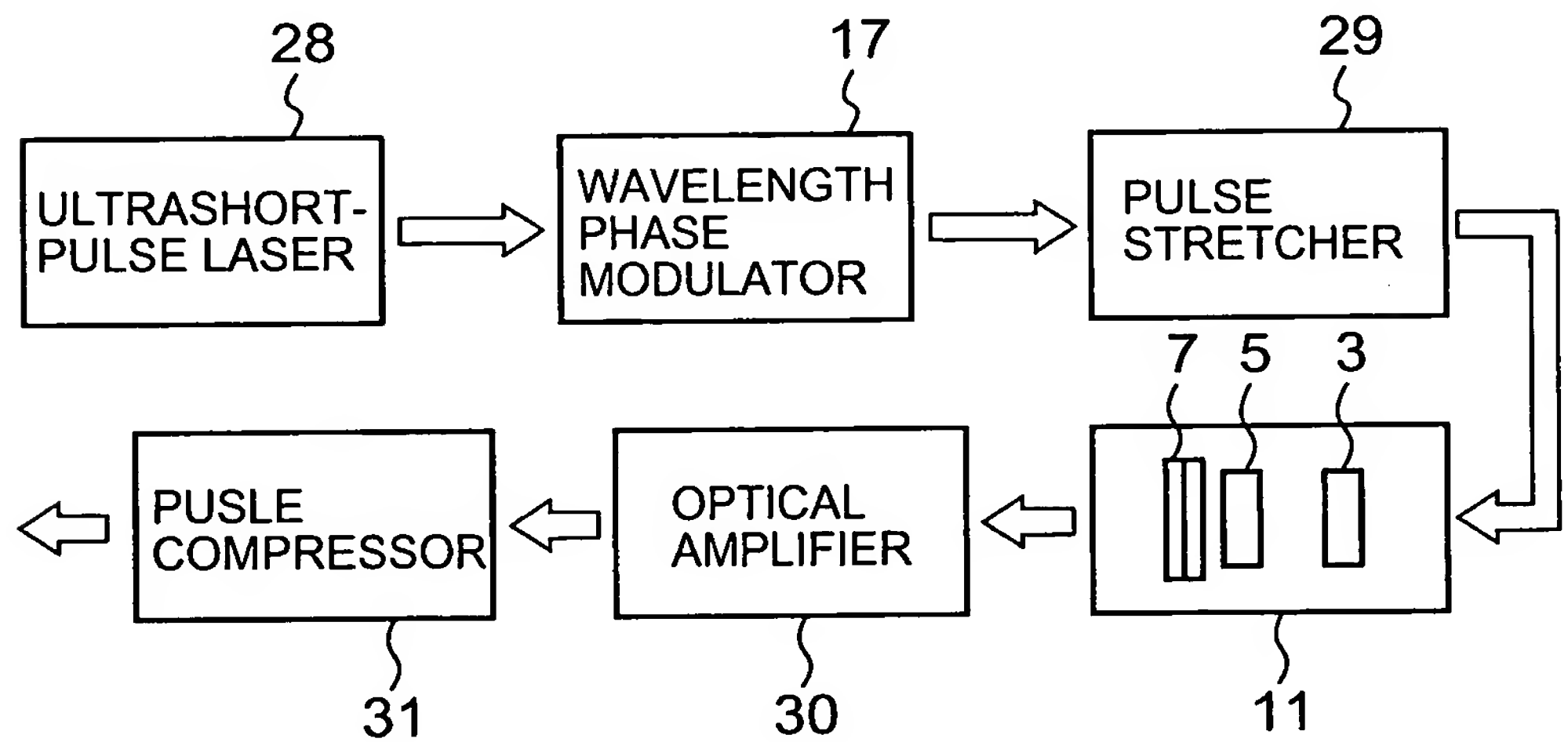
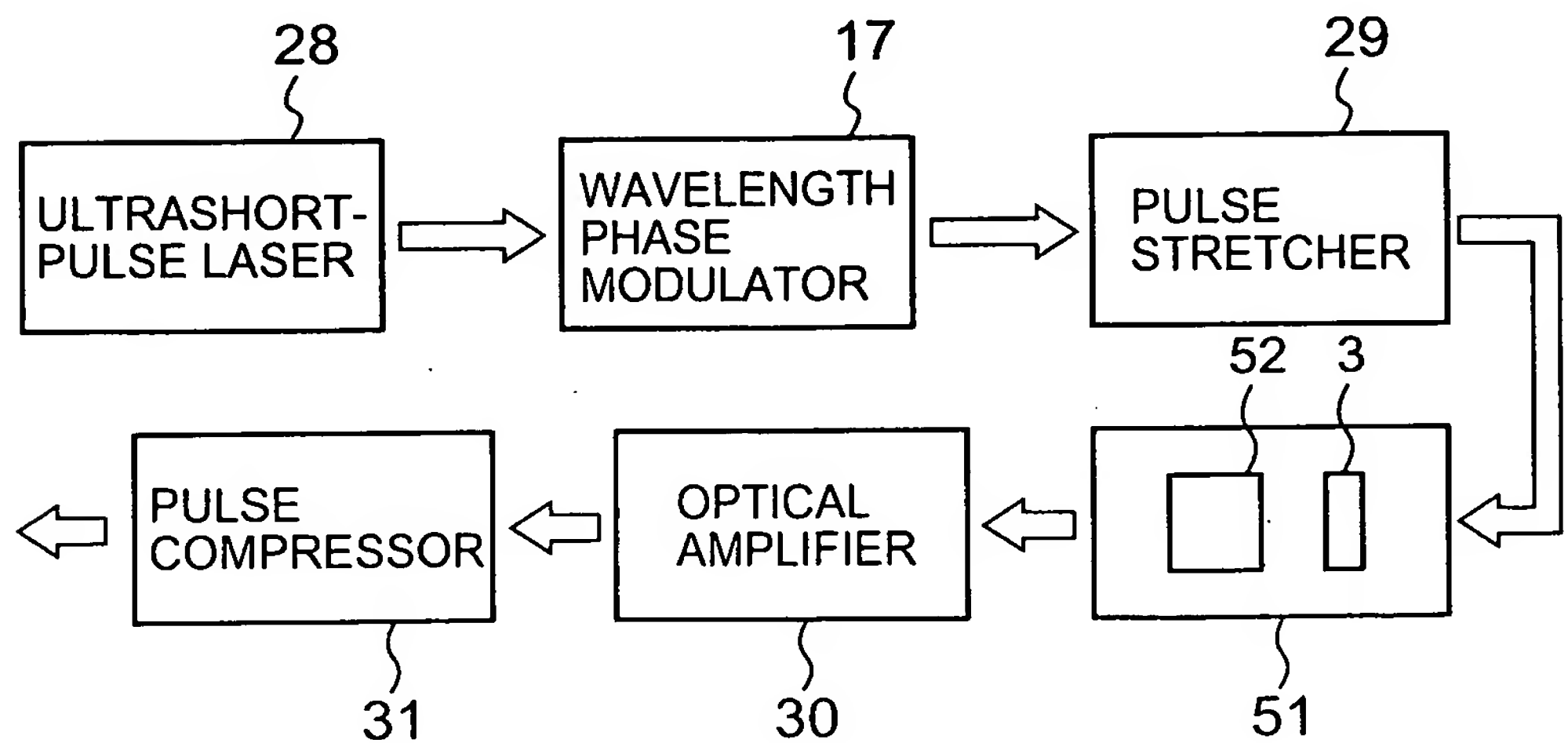


FIG. 37



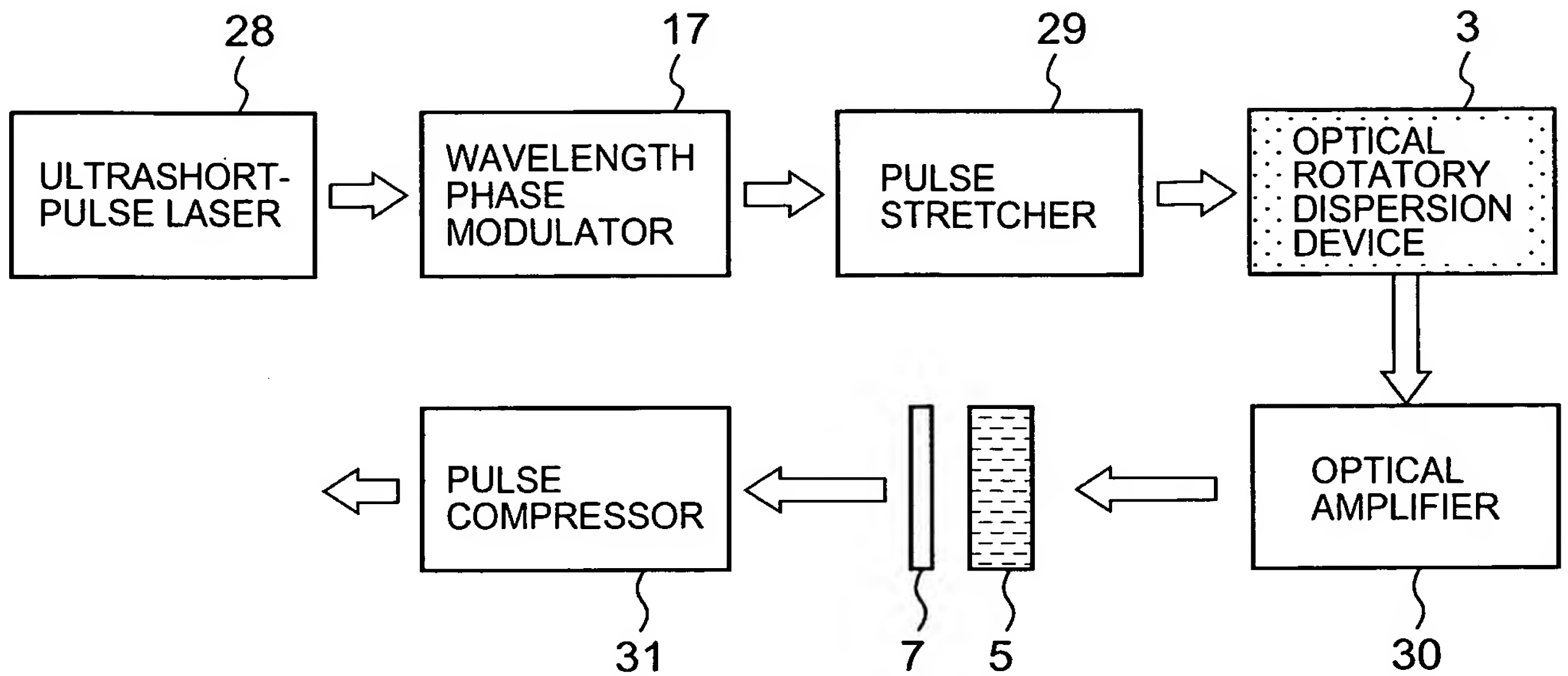


FIG. 38

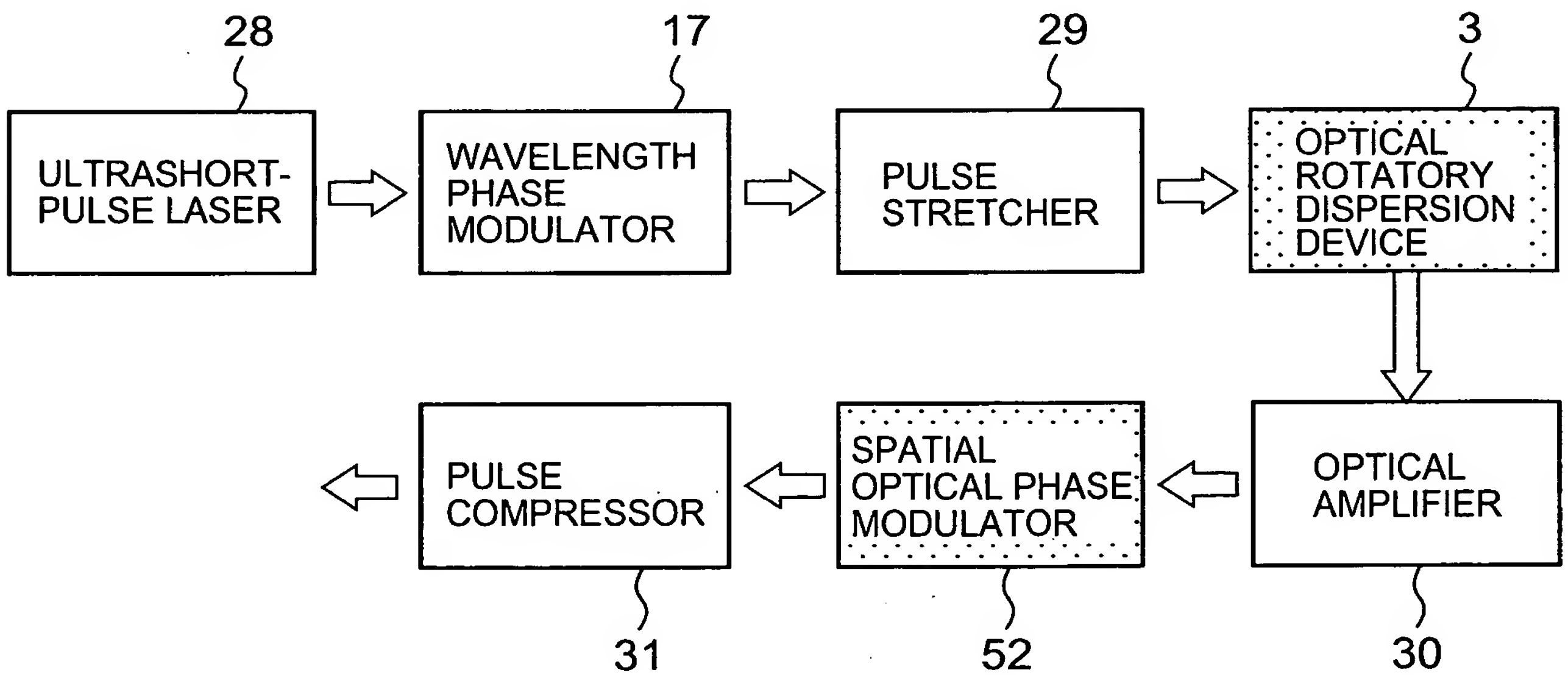


FIG. 39

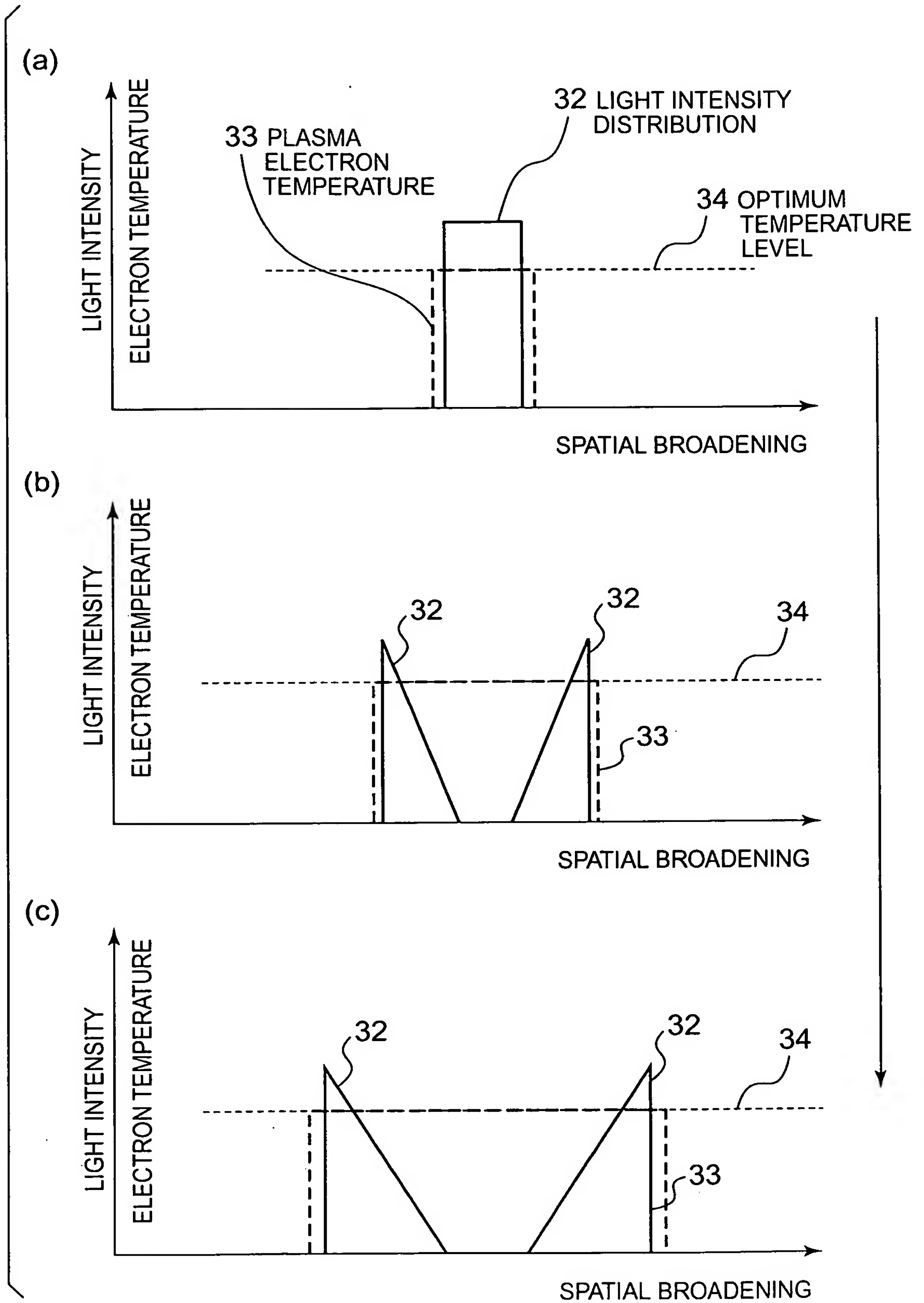


FIG. 40

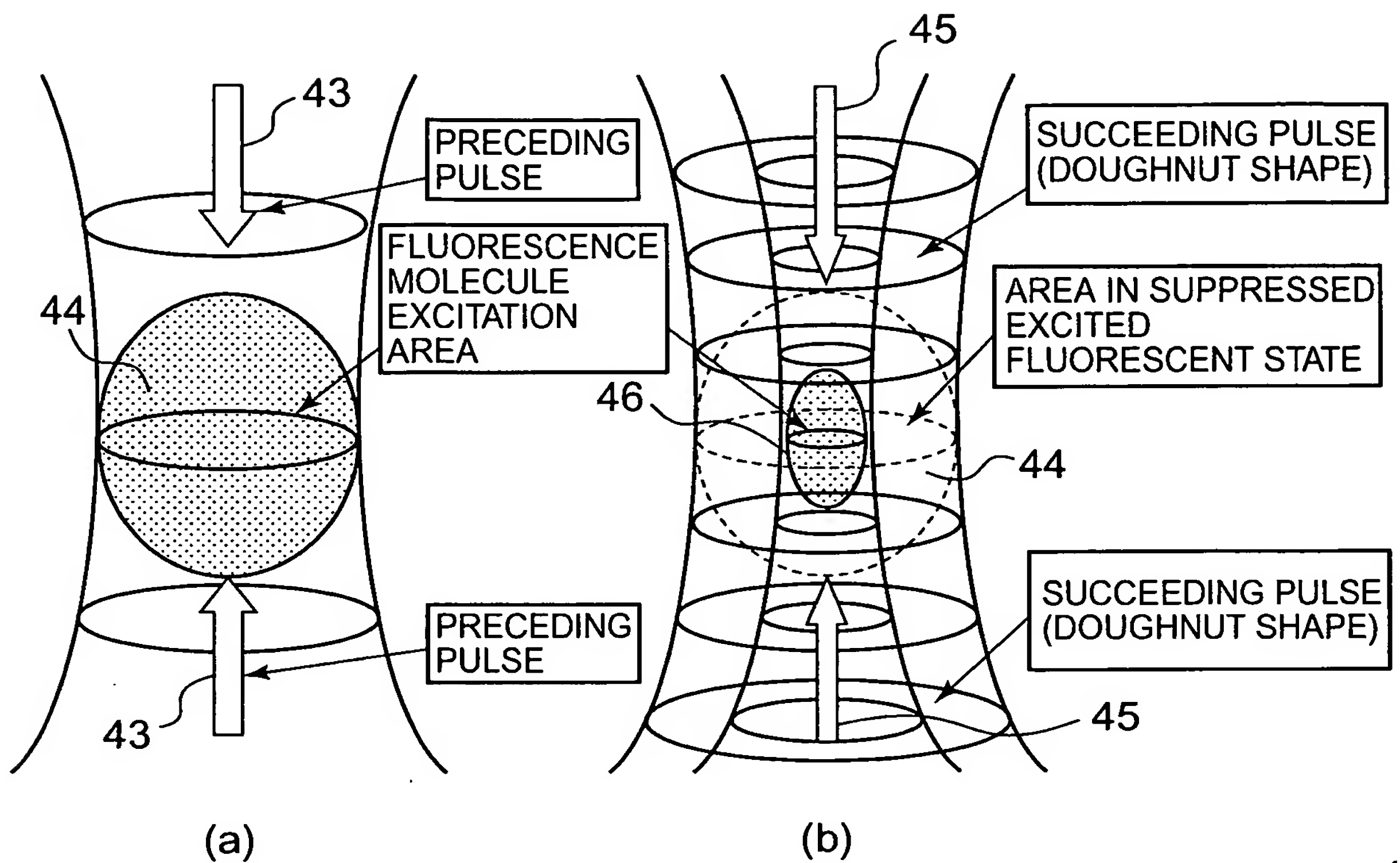


FIG. 41

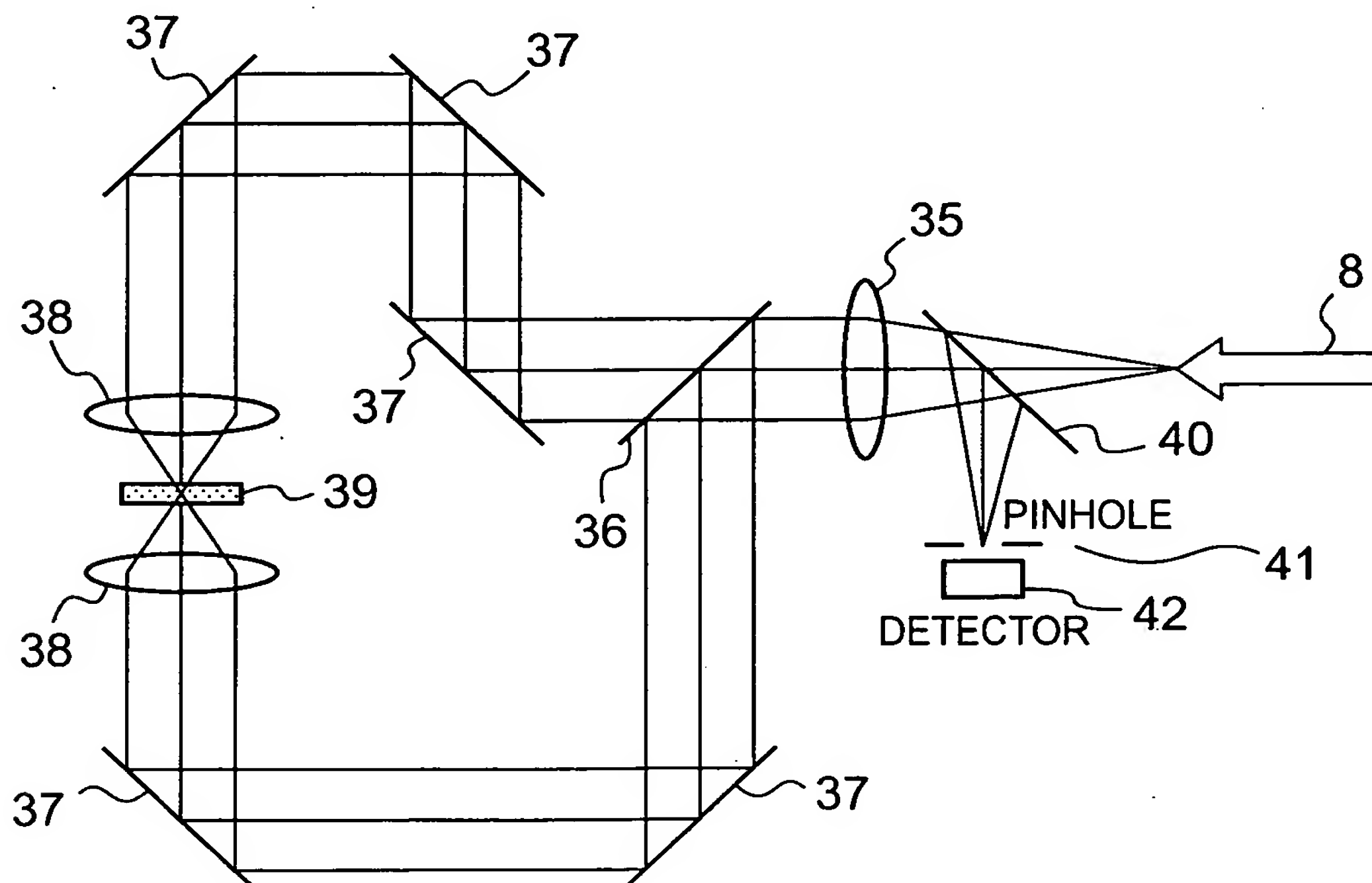


FIG. 42